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<210> 286
<211> 412
<212> DNA
<213> Homo sapiens

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<220>
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<223> n=a,t,g or c

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caagaggctc tcttggttta aaggaggccc agcttggnc ngatcagggtg ttaaggacac 180
gtgagcacca aattgagcct ttctcagtga tgagggtcaa aaatgaaagc gcgcaggaag 240
ggttctcccc aggggaattc tgggggtgtc caangtcac cggggccccg cacgcttcgg 300
gccatgctgt tctggtctcc agccctcatg gccgtggcaa ttggacagcg tcaacttcct 360
cactcagtgt gttcgcaccc tgacctgag gtnggggtga gggggacatt ga 412

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<211> 263
<212> DNA
<213> Homo sapiens

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<220>
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tgaatgcact cagctgcccc tgtccccccc accctgggtg actggggaag gacaggcaga 180
gcatectaac aggggagctg agtctttggg aggataggaa aagcccagggt gttagggnaa 240
accacacaga cntacangg ggg                                     263

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<210> 288
 <211> 437
 <212> DNA
 <213> Homo sapiens

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 aaaatacctc tgttccacct gagagcaagg tggaaagtgc atcagctact gcccgaagtg 300
 agcttcatct tctgattgtg ggctttggag gaacgagaga actggctctt gggcactgtg 360
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 cagagctgca gggctgc 437

<210> 289
 <211> 352
 <212> DNA
 <213> Homo sapiens

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 acagtataga gacacttcac ttcgagggtt actttttatg ccgtaccatt aaaaaagata 180
 caatctgcgt ttacctttgc acaaattggat aaagcattta aaaattaaat taacaggata 240
 gagactagat ttaatgttag aaatttcaac ataaatactg attgaactca cattacaaac 300
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 <211> 445
 <212> DNA
 <213> Homo sapiens

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 gaaagttgat ccccagggca gcctttccca ccaaaaaaat caggcccaat ccaggagagt 180
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 gcttctaggt gccagtgact caaactcctt ttccacttcc ccagttcaac ctggtcactc 300
 tcatccccac aagttcccaa tctgaatccc attctctgac cattctctgc ttccctgttt 360
 ttaatctcat ttgagagtga tcctcacggg ttcccttggc cctgcactc attttcctta 420
 ctgggtatgc taacgttcct cgtgc 445

<210> 291
 <211> 425
 <212> DNA
 <213> Homo sapiens

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 aaaacaatgt tccattttaag gctcttttat acagaaattg ccatcatgac tgatattcaa 120

aatatcttta	gtgttcgagg	actcacatgg	taaacataaa	actcctacac	ttattcagta	180
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gcaggtaaca	ggaatgaaca	ctgaggtact	aggataagtt	gatgacacag	ttaacaaaac	300
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<210> 292
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 <212> DNA
 <213> Homo sapiens

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<210> 293
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 <212> DNA
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 <223> n=a,t,g or c

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taatatTTTTc	acaaaaaaat	gtaaagggtca	cagaataata	atttcccttc	actgatgatt	180
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tgaataacac	attaaatagc	tgtggcatac	tgctgaaata	cacattaaat	agctgtggca	420
tactgctgaa	atacacatta	aatagctgtg	gcatactgct	n		461

<210> 294
 <211> 406
 <212> DNA
 <213> Homo sapiens

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<211> 5180
<212> DNA
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<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

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<211> 6492

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 307

<212> DNA

<213> Homo sapiens

<400> 327

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<211> 287

<212> DNA

<213> Homo sapiens

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<211> 1619

<212> DNA

<213> Homo sapiens

<400> 329

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<211> 4553

<212> DNA

<213> Homo sapiens

<400> 330

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<400> 335
 ggtctggaag ggcagaaat ggagcaagag ccacaaaatg gagaacctgc tgaaattaag 60
 atcatcagag aagcatataa gaaggccttt ttatttggtta acaaaggctt gaatacagat 120
 gaattaggctc agaaggaaga agcaaagaac tactataagc aaggaatagg acacctgctc 180
 agagggatca gcatttcac caaaagagtct gaacacacag gtcctgggtg ggaatctgct 240
 agacagatgc aacagaaaat gaaagaaact ctacagaatg tacgcaccag gctggaaatt 300
 ctagagaagg gtcttgccac ttctctgcag aatgatcttc caggaggtgc ccaagttata 360
 tccagaattt cccaccttaa agacattgtg ttgaaaaatt accagagcct cagtctttta 420
 ggttcagctc c 431

<210> 336
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 336
 tctcagtaaa cattcatttta tttcctgccg gcaggtgcag tggggcccca ctgggnaggg 60
 ggactggtgt tctaacagga ggcagaaaat gaaggaggcc tggcttaaga ccagacattt 120
 gaagaaggct ccaggcaggg aaaggaaagg agaggccagg ccacactgtc ccctccctgc 180
 cccacgtct ccagcaacac aaggcggcca gtggaccgtg aaccatttat ttccaaacta 240
 taaagaaacc tgctctctga gaaaagacac tgcccagggtg atgaagctcc agcccctgga 300
 ggtccaaaac ccagtccaaa ctcagtcctt ttagaaagct gctgtgcctt tggaaatgag 360
 tctcggctgt cagagcctgg gaagtgggtg gaagaaccag cccactcccc tctcctgctg 420
 cgattccagc gcagtttggg gccagctct gg 452

<210> 337
 <211> 245
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 337
 taaaacccca tgagatattt atataaagtt actcagattt gggccgacat ggcttatctg 60
 aagagtgcac gccgggtaaa ttcagggtgg cttttttctc aggggtctgga agtgtgagag 120
 tttctggggc agactttttc cggggccgat ctttggaac ggacagaaat tcgggtgcgt 180
 ctgtggagag aggggtggat ggagcactag aaggcgact gcggacngaa aaaaggcccc 240
 ccccg 245

<210> 338
 <211> 480
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 338
 tttttgcaat gaagtcaggt ttaattttga gattcctgtg ccctcactca cgcaaggagg 60
 aagtcacctg gctccagtga acacgtgtgg aacagaaatc agggccactg aaaagccacc 120
 acccacttga gagggttgt tctcaacaaa cctgactcag atggggccac tttggcttnt 180
 agtcagattt agagaaaacc cccggctcat ccaatcaatg tgcaatcaat ttctacacca 240
 tggcagaggt aggaaaagcc agtcacatgt ccaaagatg agtgaaaatc aaggcatcgt 300
 ggagccacct cctccagagg gggagccaca atctcaggac cccgaagagc agacattttc 360
 aagtggctcc tttacattaa gcaaaatgtg gtcctctcat tcgggtctga agcatcattt 420
 gtgtgtgagc ccggccctct ggggacctct ggctgccagg tggagagcct cctgggtgcag 480

<210> 339
 <211> 452
 <212> DNA
 <213> Homo sapiens

<400> 339
 ttttgctagt gcggtgtttt attgggtaca aaatagatgc aaaatgatga gaatctgaag 60
 gctgcagtag gaaagtagag ctttaccctc ataaactcgc actttgatta gaaaagtgcg 120
 atatattaag agcattatga gaagtctggt gagactgtta cagaaaaaaaa aaataaaagt 180
 ttctgagtct gataattcca aggggtatctt ttagaactca ctactgggtg tctgtgcaag 240
 gactttcctt gggggaaaat agattttaca acaggcgga aactttcattg gtctcatgcg 300
 tgcttttgga tttcattcac ttgacaaaga actaatcttc cgttgatggg ctccctgggtt 360
 atggccttga tctttggagt tgcagacact ttcatgctcg actttgatcc tcccctgtgc 420
 cttcactct ctccctccca ggagccgtcg gg 452

<210> 340
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 340
 gaacaagttt tgtctgttta tttaaaaaca gaatatcatt ttatgtacaa atatgcacat 60
 atttacataa aatgtacatg ttaggatctt agatcttcag gctccacatt cgaagtccta 120
 ggctggctgg ggaacgaagg atgggagcct ctcccttagg ccagaaatcc agcagatttc 180
 agactaagaa gagtttgggt actaaatcta ggtattctgg ctgagtgtat ctgggtgggc 240
 cagctaaaaa taaacctcat tgaactccag ccccaacca gagaaacatc cagaagagcc 300
 ttgaattagt gatccaaaac ccagggggaa aggcgacatt ctacccccca gcacctcctt 360
 cacctcacct caactectac tctctcggtc tc 392

<210> 341
 <211> 353
 <212> DNA

<213> Homo sapiens

<400> 341

tttatttcat	aattctcctt	tattaggcac	aggtaaacad	acatactcat	ggtatccaaa	60
acctagagta	tggacctggg	attgtggacc	ccaagtgtcc	ccagaagagt	cccacctggg	120
actttccagg	tggccacagg	acagaccctg	cctaactctg	tccctcaacc	ttggtgctca	180
ggtcagaagc	ccccatgggt	gacaggcctg	gccctcattc	cagaacagtc	ttgagttaga	240
caagaactag	cctcatagtt	tggattctta	tctctggccc	aaatcccagg	cttaggctgg	300
aaaggagaat	ctcttaata	agaggacaga	gatgctgggg	aacacagttc	cca	353

<210> 342

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> n=a,t,g or c

<400> 342

tttttttttt	tttagtcttt	taatgttagc	cttttaatat	tttccaataa	gtgctttcaa	60
ctcagcaata	tacatatcat	gctttcctca	ttattattga	tccatcaata	aatatacaaa	120
aaaccagagga	agggtgtgct	ctgaaaagtc	aaagtaacaa	taacagtggg	cattgtacag	180
cacaagaatg	aacaatgggc	tattctttga	aaactcaaaa	caaatgattt	acacaaagac	240
atatctataa	cataaagggt	aatggaccat	gttattctta	ttcttaagta	cattttgctt	300
ttccagataa	gtcaaagtgt	tctctctctc	tactcctctg	atataacagt	attgaatgaa	360
tgttggtctac	aaaatcaatt	cttgggtgtg	ttatgaatct	caatataaaa	cttttggaag	420
ggttctgcta	gaaaagccn					439

<210> 343

<211> 521

<212> DNA

<213> Homo sapiens

<400> 343

cgtttaattg	aaaaacctgg	agaatccact	ccatgaaaag	accaaagccc	ccccaccctt	60
acattacttc	atagccactt	cgaatactct	tcaccagaca	gcaggagaag	ataattccca	120
agacctccac	aaaagcaatg	cccagggccg	ctgcagccac	cagcagtatg	ttcttcctta	180
gccatattgc	tatagtctcc	acgcagccct	gggtatggat	agtggattcc	ttgaaatcat	240
tcccacagcc	cacagttatg	ttgatgcagc	aagaatcggg	gactctgtcc	ttggccatgc	300
cggggatggt	ttcccagttc	gtgtagttag	aagctccaca	gcagttattt	tctttctgca	360
atttgtccaa	aatagtggct	gttttgttgt	ctttaaggta	attctggcat	ctgctggctg	420
ggaagctttt	tattaaactc	tgacttcacc	tgggtctctaa	acacatagcc	agcaatgggc	480
acagccacct	ccacaagcat	gataagagac	aggaagatgg	g		521

<210> 344

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
<223> n=a,t,g or c

<400> 344
agccttagat ccaaggacag tccaaggaag tcctaagacc atggagttgg tgatctggga 60
tctgggtttg ctgatatttc tcaccgtgaa tctcttggtg gtgtttgtgg gcacgagagg 120
ggcagagaat ggagagttag gctaccacat gaagcgtcac cagagctgct ccctgctgcc 180
tgctcagagc accccggatc cactgttcaa tctgcacaag attcggggtc cagacatggg 240
agacttcagc tgcctcagag gaccgtggac aggggaaggcc agcctcgcat ccctctgtcc 300
atgcctggaa atgactttta ttaaccacaag agtttttaaat ttttggaant ttgtaagctg 360
tcggttcacn tttttaaccc acccattcaa ttaaaccntt acaggaattg gcnaaaaaaa 420
aaaaaa 426

<210> 345
<211> 345
<212> DNA
<213> Homo sapiens

<400> 345
gtgaaagtac gtagttgtct ttcgtaagtt aaaatgataa ttgggccgaa acttactgcc 60
ttacctaaaa ggcagcgcag tcaggatatt ggtaggtcgg gggcggtttt ggaaaccctt 120
aagttttaca gcatgcgcgg acttgagtgc tcattaggtc gccgggcgtc cacgtgcagc 180
cctggacctt gaaccccggc gtgcgtgggc cgtgggctcc ggggaaaggc tccgtgcact 240
cggggactcc ggtgaagcct gttcagccgt ctgtgtatgt gccatcttga gtctactctg 300
tcgctcttgt gccctagacc ccgagaaccg tagtttagca aatga 345

<210> 346
<211> 374
<212> DNA
<213> Homo sapiens

<400> 346
gaaggccaga aacctccaga gggcttcatt gcccccaagg ctggactgtg ctggtagagt 60
actacaagtc cttagagaaa gcctaactgc tgagctgggc actctgcctg ggacgcatgg 120
ctgagtaaca gaggggacca cgcagccacc gacagccctt ctctgcggtt gtctgactgg 180
acacacttcc tgaaatcagg ccgtttccct ccgcgtgcat tggttttggc ctgtctttca 240
gttctgtttc aaactagtgt aacaccacgc tggctctaag gtatcttttc cacttattgt 300
taatattctt ataatacgat tttaaaaatc tcgccttttt atattgtatt tatgcttctg 360
tcttacaatt tttc 374

<210> 347
<211> 447
<212> DNA
<213> Homo sapiens

<400> 347
ttaaattctg caccagctct ggcaaacatt tattgactgc tttctctgca tagaacaacc 60
ggccagcccc tggactccag agggccacca tcattgttaa gagacctaca tgcatagaacc 120
aatcacacac gtgctatgag aatagagaaa agaaataagt aattctcaca gacactgaca 180
aactgaaaaa aacttctttc atcccaggta ctttatggct gggatcaaag ggggtgactca 240
cttgtttgca caggaaacaa aaggcaaaaag gaagtgttgg catcagtttt ccactctgcac 300

atataacccc	cattcctcca	tgaattgcat	gagatagggt	tcattttctc	ctgggtggcct	360
gtctggaagc	cgggctctc	atagagtcta	gatagaagac	cctcctctcc	gagcccatcc	420
ccctcagaag	gctcgaggc	ctctgaa				447

<210> 348
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 348						
gtctgaaact	ttttcctttt	aatatgggtt	acattctatc	tccagagaaa	acacacttaa	60
cagaagacag	aaaacattta	acaaatccaa	agcaattaaa	aatagccaca	aaaaaagaga	120
ataacctaga	ctgacagctc	acagagcaag	gagggtggcag	agacctgccc	aggtgagctt	180
ggctgttgcc	cccagctcaa	tcttcctcct	ctcctctctc	tgtcccttca	cctctgatca	240
gtcccagcct	gattcccgtt	ccctgatgcc	tcaccttctt	gctgccagat	gcctctagga	300
actagggtcc	ttcagactcc	agatgcctcg	gctggggctt	aggacatctt	gacttcccca	360
gtggaca						367

<210> 349
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 349						
ttgcttataa	aaaccatttt	aaattaaaaa	agggaggaag	catcagtgc	cacagatggg	60
gacacagggg	cagagggcca	gcccaaagta	cagtgtggtc	acccacagc	ccagtggacc	120
cagggcagac	tcccctcgca	gcacagacag	ctgaggcccg	ggtgctgggt	cctctaggta	180
cagctttggg	ccttgtgggc	tcagaggtct	gcctttcgga	aacttgctct	gttcaaggag	240
ttcctgaggg	cgggtggggg	gggtgccatc	agctggggca	ggcgctgggt	aagcaggggc	300
tgcagantc	ccgcagcggc	agtagttgcg	ctccagctca	cgggtgtact	ccttctggtc	360
cggccaatc	agggctttat	ttttccgcag	cgcacctca	catttcttgc	agaagtcctt	420
gaagccctcg	tgcc					434

<210> 350
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 350						
ttactgagtg	aagaaacaca	caaattttat	ttagaaaatg	aatgaccatg	tttgcaataa	60
actcccaaaa	tatccgccat	aagatggcca	taatattctg	atgatcaagg	agcacacata	120
tacaaaagtt	attggattac	tgcaattctc	agaggcacia	aacctgacat	ggtgtgatat	180
agtatataat	cagtcacggg	ggggaaaaga	acattaagtc	tttaaaaagg	cttaggaaga	240
cataaacagt	aaatctttgt	ttttctacct	tcctttggac	agtgttatat	ttcactttct	300
tcctttgcaa	atgtttccaa	attcatttgc	tcaggattta	tttaagataa	taacttaaaa	360
ccactaacag	ttggttttatg	ctatatgcat	atcatgcatg	gttcctactg	ggttcc	416

<210> 351
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 351
 tttttttttt ttcaagagta taatattttt tattcactga taaactaaaa gccaatcttct 60
 tggatattct catgtatact tcattttattt tattaataag caaagccctg taaggggagc 120
 ctttgccctag tcctccgact cngattcatc ttcactctga ctaatctgga agtaacgaag 180
 ttcgtaggtc tccttgtcag atgcaaccac tcgaagccaa tcacgaagat tggtcttctt 240
 aaggtatttc ttggttaaggc atttcaaata ccttttagag aa 282

<210> 352
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 352
 ttttgtttaa agataattta ttctatagag tgcattcttg cactctatag gtgacagaaa 60
 aacaaactgt gctttaata ccaaacaagt aaatcagaaa gcttattttc tatttnnnnt 120
 atatctaaga cacactnta taanaagaaa acagaccctc ctaacatgta ncattaccgt 180
 tcgtggcaat tggtctcaac ctttctctct ccttttgacc ttngcattaa gctcctttgc 240
 tcacttctga gctctcagtt acagttcttg aggtggcatc ctaaccaatt tgcactatct 300
 ttcaggtgaa gcgctggata ttaccagat aattgaactc accaaaggct ccttggaata 360
 acgaagccag cctgggacca tagcactgcc tggngggctc tgtatttgct cccgtggagc 420
 ttcactgggg ggtggtncag gctcccaaaa ctcaaggcnt ttcaggctgg tgnctttttt 480
 gcaaaaaggg gccttgctt aagggccagc ccatt 515

<210> 353
 <211> 292
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 353
 ggattttacca acacgtaggc ttttattttt tcccattaca tctgttttagc cacagaaagc 60
 attgggccat actcactgca gaagataaga ctctctcaga atcttattcg tttagtgcac 120
 tcaattttac ttcactgtct catcacttga gagactggtt aaggcaagaa acccatttct 180
 taacattttt tttattttca aacatttgaa aagcaacacc aaaacgtatg cagttaattc 240
 ctcaattctt tcccttagna tagcactttt taaattacaa aaccacactt ac 292

<210> 354
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 354
 ggtgggtaca tgggtattta ttccattggt attaattata gcttactcat gttataaata 60
 ttatttggtt agtaaacagc acttaattaa aaaaaacaat gtaaaagaca tggattttta 120
 gattaattag aaactattga gcctgagaag catgaaagag aaaagaatcc ttcgtgctgc 180
 caagtcgatc tctaggggag aataactccc acggctgcag cgtatgcagt gcacacagaa 240
 gagggctgct ctgcccagtc catgtgggtg gaagataact ggggggagta ccagaggctg 300
 ctgtccactt ggacactggc cttgagcaac tcagctgctg cagccagagc gccaatgctg 360
 catggccctg aggcaagccc tggcaaatgg gctgcccagg tangcttggn ccacgttaaa 420
 aacagacca cggcaagccc tgctga 446

<210> 355
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 355
 tttttttttt acttgaaaat tgctttctcaa gatttaattct agtttttcaga aaatttttta 60
 atttacattc tcatgtacaa ataaattgta tgctttccgg ataagtgaca tgtttatatg 120
 gtgataaagg gaattataat gctcttaact cttatgtagt atgttctcat caaaatcacc 180
 aagcatgaga acactgttta gtctcattca tcactcagca cagcctcttt ctgtccactt 240
 cagggccaag tctttgccat ggccccacat aacgtgtaaa ttagcttcag ggatcaaaaa 300
 tctttgaaaa ccagttttgc tgagccttga aggaagcctt tagaccagc ttcaatgaag 360
 tcacagctcc ctgagggtcc tgggtggactg gaggcggcct cccaagcctg ggagctgtgt 420
 gcctggatgg tctcactggg gtgatgacnc aagn 454

<210> 356
 <211> 491
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 356
 tttttttttt tttttgaaac aggagtgctt tatggctctga gtggagtgtt tgggaggagt 60
 gcctcccggc tctgcttcc gggctcacct gagcgggggc gcantgaggc cactgtggga 120

aacacaaccc	ccactcccag	gagaggcctc	acatgctgcc	ttcggctctcg	ccagccttct	180
agcgtggggc	ctgggcgccc	tttaggtgag	tctgcacacc	cgtgttcagg	gctcccggcc	240
ggaagcgga	ccataggcat	gctgcggccc	cagatgagcg	cggagggcaa	gcaggtgccg	300
gggnagcgca	caccccacag	ccaagcgccc	cctgcccagc	ctctntaaac	agaccctcac	360
aggtccctcc	tgggcctcag	tcacatccct	nagaaanact	ggcggctctg	cccagaganc	420
cagggntncc	accgagcctg	gctgaagcag	ctgtcccctc	ccttnttgca	gagaggctca	480
aatgggcctg	a					491

<210> 357
 <211> 177
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400>	357					
ttatttttaa	aaaagacttt	attctctaga	caagacaatg	aaacccatct	tccttgtata	60
gagggcaagg	aaagtttgca	taaacgcaga	atgtttcagc	agctttgggt	tcactccatg	120
gctcattttc	ttcttagcaa	tcagncatgg	tgaacttgga	ggacccaaaa	gncatta	177

<210> 358
 <211> 476
 <212> DNA
 <213> Homo sapiens

<400>	358					
tcacatttgt	atgtgtcatt	tatttcgggt	gcgctgggga	aagagaacgc	agttttctctc	60
cccgcctcct	cctcgctggg	tagaactaac	tctaaaacac	caatatctca	acactgaacc	120
ctcccaaata	gcaagagttt	tcttttcccc	ttccttggtt	ttcttttttaa	gctgattggc	180
ttttgtctat	cctgtctctt	ccttttcttt	ttcgtctctc	ccccgcctgt	gttgggggat	240
tttgtggggt	ttttgttttt	cccctggctg	tgctgaggca	gcaggctggg	tagggtttag	300
gactgtcctt	tgctgggttt	ctctttatct	atctttttca	tcttcacctt	tcgattctga	360
aaccagattt	tgacctgccg	ctcggtgaga	ttgagaaccc	gggccacctc	ataccgacgg	420
tccctgggta	aatacatatt	gaagagaaac	tccttctcca	gttccagcgt	caggta	476

<210> 359
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400>	359					
aagatttttt	tgttttattg	gtatgggggtc	ttctgtagct	cacacaaaat	tattgggaaa	60
ataaataacc	caggggagcc	ccctttgccc	acggttccta	ggtcgcggag	tcacagcagc	120
cccaaaggcg	agggacctgg	gaatccgagg	gggtcccggc	ctggcggtca	cttgcaccagc	180
aggaggccgg	cgcgcacacg	cggggcacgc	ggcggatggt	cagcgagacc	cgggtgccgc	240
gcacaggcag	gctcccggcc	gcgc				264

<210> 360
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 360
 gaattacaaa ttgataattt attaacctgt gcagcaacaa ataagatttt tcaaaactca 60
 acaaagtgtc caaagttgac attacttgct tcaaagttag tttaaggcaa gtaaatacta 120
 actactgcga ggtggaaaat tgcataaga cctgcaacg tcattcactg aggatcttct 180
 catccttttc ttttttatct cgtgccccct gtctatttca aatcatcagg cacattcatt 240
 taataatttc ccaagcaatt tttaaaaaga cgtttgggag tgtgtaaaag tttagtgaact 300
 ttcacactaa aacttggtgt cagaggtaca tgggtgactat ctccacacag gcagagctgg 360
 gacccaactt actaaacctt cacgtgagaa tcttctattt ttaaggctga aggatggca 419

<210> 361
 <211> 472
 <212> DNA
 <213> Homo sapiens

<400> 361
 ttttgtgaac atagcagagg aggtttaata ggataagtca gctacatttt taatgttattc 60
 aacttatcat taatgtgtat acattagcgc cctactgaaa ggaagtacca gtctttgggc 120
 aaaacttaag agattccttg aggaacctac ggcctgaacc ttaaaaaaaaa aatctctaaa 180
 gaccttacag tctgctgctt taccatttca ttttaattat caacactgga gttgcaattg 240
 gctaagttgt caactgtatt ttaggagctt accaatgtgg cactcagaat cggagtgacc 300
 atcagtgacc taaagaggtg agatttggg aatactttag tccaaaagct ttaaaaaact 360
 attagaccat atattctatg tttttaaaag gaattatgca taaaagtctg tgcaaaactac 420
 aacatgattg cagtaacatt ctcaagaaaa aaaaaacctt agtatacttt ag 472

<210> 362
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 362
 tcgtgtgtaa taaagtgggt caaccatgat taggaactga aatttagtag aagagggaaa 60
 aggagttaat gtaacaaatt attttagcta caaaccccg taatagagca cttgggggat 120
 gggatggggt ggggttggtg gacaatcaga atggtaaatt gattaaatgc tcctaaccct 180
 gtaattttgt gcatagagca ccctatgctg tggaaataac tgttcttaga tttcattgta 240
 actggactgt tcaggttgcc cagaggaata gaacattcct aattctaata aaataaactt 300
 ttattttggt attc 314

<210> 363
 <211> 454
 <212> DNA
 <213> Homo sapiens

<400> 363
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 accttcctt ggctctgcat gtggatccaa atcaagcctg ggtgtgtctg acaataccag 180

ggcacggttt	gcttcccggc	cctccatctc	tactgtttgg	ctacagcttg	agttcactag	240
gcatcggttc	ccctctcagg	ccagccagca	agttgttagc	tgccaacaag	gacatgggtg	300
tgcggtttct	gtgggtggca	ctgccaatgt	ggggcagaat	cacacagttc	ttcaggggtca	360
ggagaggggtg	gtttgtaggc	agtgggtctg	ggctcgtcac	atccagtcca	gcagctgcaa	420
tcttaccact	gggcaaggcc	tggtacaggt	cgtc			454

<210> 364
 <211> 425
 <212> DNA
 <213> Homo sapiens

<400>	364					
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tgtttttagac	acagttcagg	tgaagaaaga	cctggaaact	tctgttaact	ataagctcag	120
taggggctaa	aagcatgtta	atcggcataa	aaaggcaatg	agatcttagg	gcacacagct	180
ccccacccct	cttctgccct	tcctccttct	ttcaatcagc	agggaccgtg	cactctcttg	240
gagccaccac	agaaaacaga	gccctggact	catgaacgaa	tccatgccag	gcaccagtct	300
cagccacagt	cacatccctt	taaactggat	ccacacagta	agaggactct	gaactccctt	360
gcagactgcg	aagtcagcct	cattcactgc	taagtctcta	gcacctggga	tggggcctga	420
tgtgt						425

<210> 365
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400>	365					
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atcgtgtgct	tttatgtaaa	tgccaaatag	caaaataaca	gctagaaaat	aaacagtttg	120
tcagtttgga	gatcaagtac	tttatctatc	ttgagtgtta	tctatcttgg	aatttagcca	180
ggcctaaaag	tagcgggaagt	gtcaggaaat	gctatagaga	gccaatctcc	agctgcaggt	240
tggtgggcct	ggcactgacc	agatgcgggt	agctcaaagc	accgagcgat	gcaggcgccg	300
tttctgcatt	gcctgcagcc	tcttctgcct	ctcggcaaag	ttgttcttcg	gggtctgctt	360
cagtgcgggc	aggatggcac	gctccgccac	agggtgggctc	agaagcaggc	a	411

<210> 366
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400>	366					
gcctagaaca	gctaagacca	cagggttcag	caggttcccc	aaaaggctgc	ccagccttac	60
agcagatgct	gaaggcagag	cagctgaggg	aggggcgctg	gccacatgtc	actgatggtc	120
aaattccaaa	gtcctttctt	tatactgttg	gtggacaatc	tcagctgggt	caataagggc	180
agggtggttca	gcgagccacg	cagccccctg	tatctggatt	gtaatgtgaa	tctttagggg	240
aattcctcca	gtgcccttta	a				261

<210> 367
 <211> 388
 <212> DNA

<213> Homo sapiens

<400> 367

caattcctat	gtatttttatt	ttatgcattt	aaaaaacatt	attctaggcc	gggctcagt	60
gctcatgcct	gtaatcccag	cactttggga	ttacaggtgt	gagccacacg	cccgggttaa	120
gaagagttct	tgaggctgtg	ataagctttt	ctcaaattgt	ttttaagcc	agctcatttc	180
ctgtgtgctc	atagtatcat	agtataatca	gtgcactatc	ctcatatcct	ctaattgaag	240
gatttttacg	gaacatgagg	tcttggcaga	agccctgcat	ttgttctactg	ttgttttcca	300
ggagagatat	ttgcagccac	tgaggatggg	caagcgcatt	caccagctct	gaaagccctg	360
acacaggggt	tccacataga	tgaggca				388

<210> 368

<211> 591

<212> DNA

<213> Homo sapiens

<400> 368

gcggccgctg	tgacgtgccg	gtaacgagct	gcagccgccg	ccgccagatc	cacgctggct	60
ccgtgcgcc	tggtcaccca	cagcaagttt	cccgcgccg	ggatgagccg	ccccctggac	120
accagcctgc	gcctcaagac	cttcagctcc	aagagcgagt	accagctggg	ggggaacgca	180
tggcaactgc	aggagagcgg	cttctactgg	agcgcagtga	ccggcgccga	ggcgaacctg	240
ctgctcagt	ccgagcccg	cggcacgctt	tctgatccgc	gacactacgg	accagcgcca	300
cttcttcacg	ctcagcatca	agacccagtc	tgggaccaag	aacctgcgca	tccagtgtga	360
ggggggcagc	ttctctctgc	agagcgatcc	ccggagcacg	cagcccgtgc	cccgtctcga	420
ctgctgtctc	aagctgggtgc	accactacat	gccgccccct	ggagccccct	ccttccccctc	480
gccacctact	gaacctctct	ccgaggtgcc	cgagcagccg	tctgcccagc	cactccctgg	540
gagtccccc	agaagagcct	attacatcta	ctccgggggc	gagaagatcc	c	591

<210> 369

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> n=a,t,g or c

<400> 369

aatagttcca	ttcattaagt	cattttcttct	tgctctgctt	ggtaaaagggt	gaaaacatgg	60
catcaaaaca	cagcccagag	aaagtcaatt	cctgtatttc	taagacagta	ggatccaggc	120
ttatttggaa	gataaaatat	ctctggaaga	acagatagtg	ttaatggatt	gantcatttt	180
cctcaaaaag	atataacccc	cagaacctca	gaacgtgacc	ttatttggaa	atagagtcac	240
aacatatgta	attagttaaa	attagttccat	attggagtag	ggaggacact	aatccagca	299

<210> 370

<211> 203

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> n=a,t,g or c

<400> 370

aacagtttac	ttttttaata	taaagatttt	ncaatttaca	cttgtaggag	tagaaaaaac	60
taatatgcta	agnctgtaag	ctacgcagca	aaaataatga	tcttaatgaa	gccagaattc	120
tgtgaaaatg	tgaccacac	tgcatatata	gtagctgagt	aaatgtaaac	catgngctta	180
ttactcttc	tatataaaat	att				203

<210> 371

<211> 545

<212> DNA

<213> Homo sapiens

<400> 371

tttagcatta	ataatttatt	tattcattca	tttcaacaaa	catgtattag	ttatgttaca	60
tacttttggg	agacctgaat	tgtaaagatc	aaaaattata	cacagaaaga	cttctgcttt	120
ggggcaggat	gtgataggcc	aatactctta	cctgaacaaa	tggaaaatat	taaaaaagtc	180
atthtcagaa	gcacctgaga	gctgtgaaag	caacgaagac	taagtgaact	aaaattccag	240
agagagaaag	agagaataat	ttcgagggtga	tctgatgatt	gctggctatt	tttctctcag	300
gacattttgt	tggttctggg	agtactgatg	gtttgggctt	gaccaggtag	agggactctg	360
ctctgctttt	gcagtgggta	caggcatctt	ttctgatccg	ggagtcagaa	tgacactacc	420
agatcactga	gcgttgggtc	ctagggtgtga	ccgtgggtaga	attgagtcct	tggcgatctc	480
tgattcttca	tgtcaacagc	ttctgaacca	aattctaggg	cacactcatc	agattagcca	540
aggct						545

<210> 372

<211> 332

<212> DNA

<213> Homo sapiens

<400> 372

caaataattaa	gtaaataatt	taatgataga	acactgaaat	ttcttttagac	acagtatthtt	60
caagttatat	ttctgcctgg	agtacagata	tgaaatagca	caaactgtac	tctgaattaa	120
gcaaacagaa	tgaataaaaa	aaaaatattc	tcccaaccta	agtttccggt	cctcatttcc	180
acttgccctca	gactctttct	attgaacata	tctagttaaa	tctctaattg	acggcctgtg	240
ggaagattta	ctgccaacag	ggtatgactg	acttctttcc	ggacactgag	caggggactg	300
tgggctctga	agcagtttac	ttcctgtgga	ag			332

<210> 373

<211> 142

<212> DNA

<213> Homo sapiens

<400> 373

caaacctggc	gtctatacca	acatctgccg	ctacctggac	tggtatcaaga	agatcatagg	60
cagcaagggc	tgattctagg	ataagcacta	gatctccctt	aataaactca	caactctctg	120
aaaaaaaaaa	aaaaaaaaaa	cc				142

<210> 374

<211> 414

<212> DNA

<213> Homo sapiens

<400> 374

tggggtaaag	tttaaatggaa	aagccgtgga	aacggttgagt	tcacaaacag	gacttcccgt	60
gcaactgtcc	agccagacct	ggggcagctc	ctggggaccc	tgcccccttc	acacacaccc	120
atcccatcca	tggtgcctga	gaggccttca	tcttcagttc	cctccaccag	atcagttggg	180
catggtgggg	gcagagatgg	aggggttggtg	aatcacacta	ggctctgtaa	gctgagaaga	240
cgatcctgca	caggggtggcg	taacagtctc	ctcctgccag	ggcacctgca	gggcgagaag	300
tcacatgcc	gactgaggca	tgcttgcgaa	cactagcctg	gccccagcag	caggggggtgc	360
tggaggagct	gcagcttttc	cccatcttgc	tgaattattg	atgggcctgg	cact	414

<210> 375

<211> 528

<212> DNA

<213> Homo sapiens

<400> 375

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gccttcaact	ttatcttcaa	ctaccaaagg	aagttcagga	acttcctcaa	tacgatgacc	120
tttagacatg	accagtgtctg	gtagggctga	ggcagccagg	gcagaacaga	tggcgtatcg	180
tttttgggtt	gtgttcactc	tacgatgcc	acggcgccag	gttttgggtg	gtgcaaacat	240
tcggccttca	cgacacatgt	ttccaaaagc	accctggcca	gaacggtgag	tcccacaacc	300
tcaaactctg	gggaattccg	agcacagctc	tgccagtacc	ccaagactta	gcactagtct	360
gaagacctgc	taattccatg	acagcatagg	gctgtctggt	gtttttgcgc	aagttggtgt	420
gaaccaagtt	cacaatatct	ggtccaatag	gaacctgaa	tacagcaggc	aaagtggcat	480
ttttgccaaa	tgacttcccc	ttttcggagt	tcaccggtat	tagttggc		528

<210> 376

<211> 207

<212> DNA

<213> Homo sapiens

<400> 376

tttttttttt	tttttgacgg	ttcctatata	acgtttat	ctggaagtta	aagtagatac	60
agcaatatac	caaaaaaaaa	aaaaaaaaaa	aaagacaaaa	aacctcaca	taatataaat	120
ttttacacta	tgaagtacac	attggaattt	gaatgcagtg	gccaggacag	cagcttataa	180
accaccttat	aggtaggtaa	gcaaccc				207

<210> 377

<211> 278

<212> DNA

<213> Homo sapiens

<400> 377

tttagcactt	gaacttctga	ctttattatt	tttcttcaaa	tgaacagggtg	ataaaacact	60
gtgtccaaag	caaaatgcat	gactcccttt	tctcttcttt	cacagagtac	cagaaaaatgt	120
aaacaatatt	tagcttgaac	ttctgagtc	tcctcttttt	tttaacagcc	tttagaacia	180
cattaatttg	tttgtttata	ctagcatttt	acaacataaa	aaataaaaata	agcagactgt	240
ctgagggggg	ttatataagg	ttttcagatt	ctgataca			278

<210> 378
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 378
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 cacatcttgt ggcctcttga taccaaggct catgggacgc taaaacctaa tgactgcagg 120
 catctgagct tccttgaggt catctgtggg gggcacaggg gcagcctcag agtcaccctg 180
 ggg 183

<210> 379
 <211> 438
 <212> DNA
 <213> Homo sapiens

<400> 379
 tttttttcag gcatattagc tttaatgtag gtggcgatga gtttttaggc caaggaagga 60
 ataatgtttt atgtacaaa gccttttgtc cccattttcc atcatacgaa tagtattccc 120
 tgttgctaag ccgatgatac attacccttt tcccataggt gtgagtggcg gtctgaatgg 180
 agaagttcaa tagttctgat tgcagatcct atgcagaaga gataataagg aaaataatct 240
 ttgtctcctg gattaagctg aggctggcaa agagtgaat gtcccaagcc ctctaacaac 300
 aaacaacata ctttgtgttg tcctggatgc tgggtctggt gccaaatatg tgggaactggc 360
 cccatatgcy tgtactgttg tccatttcat gagagttagc ttgaggacac catgggcaag 420
 gatctgatgg ttgccagc 438

<210> 380
 <211> 465
 <212> DNA
 <213> Homo sapiens

<400> 380
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 tatgtatcaa ctgtgaatac atatagtttc acttcttttg cagtataaac ctcttttctt 120
 tattagctta tttgattttt agatgttgaa caaaccttga attcctaacc taactgctgt 180
 ggctagaact tcaagtacaa tgctgaatag aagtagtgcc gagtgaacat ccttgtcctt 240
 cttcccaatc ttaaggggaa aacattcagc cttcagtcta tcaccatgaa gtataatgtt 300
 aggtgtgggc ttttcataga tgttatatatt atcatatcta ggaagattcc ttttattcct 360
 aagtttgttg agtgttttta tgaaagagtt ttggatttta tcaaagtctg taataagaca 420
 atctgtgtgg gttttgtgct ttattaaata tggtagagtt gatcc 465

<210> 381
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 381
 gaaatgtaag tatacagatt ttaattttatt ttttaagaata attgtatatt ttaaaaacag 60
 gacacgtact gtatgagtaa acagcgtggc taacaccaag tccacactgg taagcttttg 120
 agaaccattt acactatgtt gacagtagta ctgctgcagg cagacagcgg aagaataaat 180

aatagtgtctt	caagaagagt	agtgattgag	aggataggta	aagagggcgc	ctcatcgtgg	240
aagctagagc	aggaacacct	ccccagtagt	gacatgtgca	aagttccaga	tctccacgac	300
aaagacagct	caacccactg	gaacaaacag	actcccaatg	tggctggcaa	ctgcgggggt	360
agaagaactc	aggcaaagta	ggcacaggaa	tgggggagat	gagagccaag	ggacaaac	418

<210> 382
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400>	382	
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ctcagaaatg	tttatctgag	120
tgccacagac	gatccacacc	180
acgcgcacac	acacgctgag	240
tgtagcttcc	atgcttgga	300
aagtacaaaa	gcaataggta	359

<210> 383
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400>	383	
gtattttctaa	aaccattcaa	60
ctttattaag	aaataccaga	120
acaaaagtgc	agagatttac	180
aaaatacttt	ttttctccaa	240
gggtaaaggc	aggatggtca	300
ccacctctaa	cccaacctca	360
tagggccagg	aaggctcaga	398

<210> 384
 <211> 448
 <212> DNA
 <213> Homo sapiens

<400>	384	
catgaggctt	atattttttg	60
ataggcctaa	atcacttgta	120
ctagtaataa	gtcttttaat	180
taattcaata	tccagtatac	240
gtttatccac	acaaggttta	300
gcgtgggtgc	tcacgcttgt	360
ctggccctct	ttttcttttc	420
ttccctgggt	gaaattttga	448

<210> 385
 <211> 490
 <212> DNA

<213> Homo sapiens

<400> 385

tttttttttt	ttttagacaa	accacaactg	tttattggtg	aaagactcag	cttcctcatg	60
tgctcgctgc	aaaataaata	aaataccaga	tgctagtatc	gtacactatt	tacaacctgc	120
agctgaccaa	gcaggtcctg	aagccttctc	tgtggaccag	tactgcactc	ttctgaggct	180
acgggagagg	tccagcagcc	gggccaggga	ctaaaaggaa	acgaaggatc	tgttttatth	240
cgagctcggg	ggcaggctgc	acttctcgca	gatctgaacg	ggcagcatgt	gagtcaagga	300
agtactgttt	atggccacca	gcagctgcaa	cttgcccata	cagtctctca	gcgccgcctc	360
cgggtggtct	cccagtcgca	agtccacggg	ccgcgagacc	ccagcatgct	ccgccagcgc	420
aggcagcaga	tcgccggagg	gaaggggata	gctggtgaag	gatagtcggc	caactcagtt	480
tgccaccccc						490

<210> 386

<211> 366

<212> DNA

<213> Homo sapiens

<400> 386

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gcatgaatgt	aagagtagga	aggggtgggt	gtcagggatc	acttgggatc	tttgacactt	120
gaaaaattac	acctggcagc	tgcgtttaag	ccttccccca	tcgtgtactg	cagagttgag	180
ctggcagggg	aggggctgag	aggggtgggg	ctggaacccc	tccccgggag	gagtgccatc	240
tgggtcttcc	atctagaact	gtttacatga	agataagata	ctcactgttc	atgaatacac	300
ttgatgttca	agtattaaga	cctatgcaat	atTTTTtact	tttctaataa	acatgtttgt	360
taaaac						366

<210> 387

<211> 412

<212> DNA

<213> Homo sapiens

<400> 387

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gctgaatatt	tacaattatg	tcataggtta	ctattaacag	tgagagggat	agagtatgta	120
agaaagactt	tgaagaggaa	ataatataca	aagtacaata	aacagcaagg	ttacatgtca	180
tcgtttttgcc	accgtacaga	agtggaaagt	gccgacctgg	agaggtcacc	gttggtttcat	240
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ggaaaatgct	gtcttctcag	gagcattgta	tctgcacgtg	ccaatcacag	ttcctcctcc	360
gttcgcaggt	actgggtaca	gttctgaaat	cttttttcagc	tgagcagcgt	tt	412

<210> 388

<211> 290

<212> DNA

<213> Homo sapiens

<400> 388

aaatacaaat	gttttattac	gcaaaccaca	tgtagggtccc	aggctcaggg	gcttacccta	60
cagcccccac	tggtccctgg	ctccaagcct	gtccttggcc	cttgcccacc	ctggaaagcc	120
aggatctcct	atggagtgtg	taggtgtcca	cgagtgtacc	gggtgtgcggg	cctcctgggc	180
tgcaggcact	caggcatggg	ggcagcattg	agggaaagac	aggtgttggg	gagcgggggc	240

ccacctgccc aggctcagga gtcacagggg tctgcacagt cctttctgct

290

<210> 389
<211> 255
<212> DNA
<213> Homo sapiens

<400> 389
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 gtattttttt tttaatcttt ttggttattg aaaaaaatag aacagtccac tgtccagcag 120
 aggctgcttc aactctattg ctgcagggc tcattctgca tggatctgtg tttcaggatg 180
 ctgcaaggac aactctgcgg gcaggaaggc ccttgacca acgctgtagc ataggtcctg 240
 ctctgtggat gggga 255

<210> 390
<211> 338
<212> DNA
<213> Homo sapiens

<400> 390
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 aaaaaccatg ggtttacaca gataccttg agccaacca acaccaaggg ctttccttgg 120
 cctccctctg gctctcactg tccgatgcag attagattta cctgtgtggg caatcctcgt 180
 gtgtacatac atttcagaac tgctggcctg gacctatgtg aaaaacagtc accatctaca 240
 gcaggggtgt ccaagctttt ggcttcctctg ggccacactg aacaactgta ttgcaccaca 300
 cataaaatac actaacatta atgatgactg atgagtta 338

<210> 391
<211> 448
<212> DNA
<213> Homo sapiens

<400> 391
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 tgtaaacat atttagcttg aacttctgag tctcatctt ttttttaaca gcctttagaa 180
 caacattaat ttgtttgttt atactagcat ttacaacat aaaaaataaa ataagcagac 240
 tgtctgaggg gtttatataa ggttttcaga ttctgataca ggcttgcatc tgcctcgttt 300
 ttagtctgac aaagagaaac actgctttag gaagtgggtc atgtgggtgt ataagtgggt 360
 cgtggacagg ccgataagc cgtgggtctg gtcagagtac cacattgcct ggaaatccac 420
 ttgtgcatta accagagctt tagcaatc 448

<210> 392
<211> 490
<212> DNA
<213> Homo sapiens

<400> 392
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 ttatctgctt ttttacaacc tgatttacac aagcaaattg caaacgaaaa ccaggcattc 120

tttaatcatc	caaaatgcat	gtataaaata	tagaaciaaac	cctagtattt	aaacataaac	180
agggttagct	gaagcagctt	tattgcaatc	tcttcaagtt	agcatattac	agtttaaata	240
tttatgacct	taaagatctg	cataatctac	aatacagagt	tatttcagaa	gcagttgact	300
taactagttg	agaaaaaaaa	acaacaaact	tcaacgcaaa	gctataataa	tttatccgaa	360
acttatitac	aattaaacat	ttagggctct	gatttacaaa	actcagtgcc	tttcatgatt	420
tattgatgag	ttttatagag	aaagtaagca	gtatgtagaa	tattccccag	gtaaaatctg	480
gagtgaatgg						490

<210> 393
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 <212> DNA
 <213> Homo sapiens

<400> 393						
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cctacagaca	accaagcact	aatcccccta	gtaccaagaa	aggggagcca	ggatttagtc	120
ctggcccagc	ccagagctgg	gacctggagc	acgatctgtt	gacttccctg	ggtaggacac	180
tgccacctct	gggtcaggt	cctcatgcct	ccaaatggca	tctagagttt	gagcagcctt	240
cttggctgag	gcaggcctag	cctgtggagc	gggctagggc	caggagcatt	tgggtcccct	300
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aaaataacgt	gtgtctttc					379

<210> 394
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 394						
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acaggaactc	ctcaggatgg	cctcagaagg	ctggagtctc	tccctgtctg	gcgggacacc	180
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gtttttgttt	tcttcctgtc	ttctaattaa	aaaagacatt	cctgggtgac	aggcacagtg	300
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<210> 395
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 395						
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cctctgatcc	agctgcagcc	tcccataaga	agttcactct	taatttcatg	tcccatgctt	180
tgtcttggtc	cctgtgagga	aaggggtcag	ctaaaggtaa	ctgttctata	aggatgggta	240
ggatcctctg	caagatattt	cctctgaaat	agtaaactgt	accttagaag	ttactgtcta	300
gggcactctc	agctgaataa	agtctcccaa	ggaaacactg	aggtagagca	gtctgcaagt	360
gcaaaagcac	accttctgca	gattccctac	aaagtggggg			400

<210> 396
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 396
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 gtaattatga agacaccttt acggtgagcg ttattaaaac cctactagag gttttgggtg 180
 ggactcaaga gcaaggggtg gccacctgtg gacgagggtt ccctgttggt aacagaacac 240
 gttgccacc tcgcaagtat gcagcccaat cagtcgccag ggtctcggtt cccgttgcg 300
 ctttcccat ggccactgcg ctcatctatg agcctagggt gatcaggcct ccgg 354

<210> 397
 <211> 460
 <212> DNA
 <213> Homo sapiens

<400> 397
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 ctgggggaag ggtgcagcaa cgatttctca ccaaactact acacaggaca gcaaaggggt 120
 gagaaggggc tgaggaggga aaagccagga aactgagatc agcagaggga gccaagcatc 180
 aaaaaacagg agatgctgaa gctgcgatga ccagcatcat tttcttaaga gaacattcaa 240
 ggatttgatc tgatggctgg gctttcactg ggtgttaagt ctacaaacag caccttcaat 300
 tgaaactgtc aattaaagt cttaagattt aggaagtggg ggagcttggg aagttatgag 360
 attacaaaat tcctggaagt ccttatgaaa accccagggg tgaaaaaaaa aagggcccca 420
 agagggctcc gaggtctctg ctgtgcccg ggcagatacc 460

<210> 398
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 398
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 aaaatgattt tctatatattg tgaaaaaata tgacttttta aatgggtgttg acaccaactt 180
 ctctgtacat accctcaatt ccaatgttaa caattccttt aaaaaggcaa aagacacaaa 240
 agtttagcat ttaccaaacc agtctgtaca aaccttacag ccagaaggga aaaaaatagc 300
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<210> 399
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 399
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 taagcccagt gacttgaaaa taacctcaag atcaattaaa atataggaag tagaggggagc 180

cataagttgt	ggtatgagtt	taaaagacca	catcacagaa	aagaaaaaga	ttttttttaa	240
agtatcaaca	atagaaattg	ttctagaagt	ttatgcgcag	gaaaattggg	aagcccatgc	300
ttcccaattt	tcattgtggt	ttaaaaagcc	atgcatacag	ctcttgctct	ttgattttcc	360
caaaatgaat	ctggaagcct	cgaattagca	ttaaatggaa	taatttgtaa	gtgccccctc	420
ccctcagaca	cttac					435

<210> 400
 <211> 465
 <212> DNA
 <213> Homo sapiens

<400> 400	
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accaatacac	actatggttg
acactccatc	ctcactccca
tggaggagct	cttgtggaag
actaaaggaa	ccccagacag
cagctgaagt	tgggacatct
acaccagacc	ccggggtaag
	ggcgagatca
	acctatctca
	tagcc
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	180
	240
	300
	360
	420
	465

<210> 401
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 401	
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gcggcagaca	cnagcttgtc
gctgcttggc	aaggctgttc
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aaaaaaaaaa	aaaaaaaaaa
	aaaaaattaa
	aaaaaaa
	60
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	180
	240
	300
	360
	397

<210> 402
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 402	
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atgtcactta	tgtgccctga
tgttccatta	ttgtttaagt
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	ttaatgt
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	180
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	300
	337

050369

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<210> 404
<211> 280
<212> DNA
<213> Homo sapiens
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<210> 405
<211> 467
<212> DNA
<213> Homo sapiens
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<210> 406
<211> 448
<212> DNA
<213> Homo sapiens
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414

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aagagcactg	cagtgagttg	ttagggcaag	gggcacatgg	ccttacatag	gctgtcccag	300
gcaatgcccc	gcctcatcct	gtaaggaagt	cggaaagtctc	cgctttggaa	actagtttagc	360
tcacactctt	ttcgggtttg	ttttcttctg	ggcactccta	gttttaaatgt	tcttcttggg	420
actggctggg	ttgggagcag	gagtcctt				448

<210> 407
 <211> 308
 <212> DNA
 <213> Homo sapiens

<400> 407						
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acaaaatatt	gactgcatgc	ctcgcaaaca	ccaaaatata	cgctggaatg	ccatagaaat	180
aaataacttc	tgctataaac	acatgaaaac	atatcaaact	gttatctctt	taaacatatt	240
gtaaataaaa	aaattaccag	tacttctaca	caataaatat	taagaaacca	ttgacatagt	300
tgaaatgc						308

<210> 408
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 408						
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ttttactata	cttggtcctc	tcacttcaga	ataacagggc	tattttattga	tacaaaggag	360
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gagatc						426

<210> 409
 <211> 1201
 <212> DNA
 <213> Homo sapiens

<400> 409						
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accagagctg	ggaagattcg	aacaccgacc	tcgtcccggc	ccctgcagtc	cggatactca	300
cgccagaagt	gcggctggga	tccggcgccc	acctgcacct	gcgtatctct	cgggcgcgcc	360
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cggcgctcaag	gtcgtgggac	gtgacacgac	ctctgcggcg	tcagctcagc	cttgcaagac	480
cccaggcgcc	cgcgctgcac	ctgcgaactgt	cgcgcgcgcc	gtcgcagtcg	gaccaactgc	540
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gggggcccgcg cagagcgcgt gcgcgcaacg gggaccactg tccgctcggg cccgggcccgtt 660
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c 1201

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<210> 410
<211> 513
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> n=a,t,g or c

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<400> 410
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gtgaaacaaa atatattcta tgggtgcttag aatgggtgtt aaatgggtgag ttagtttnc 180
aagtaaaaaa tttacgtgca ttaacagagg ggaatgcata ataatcctat gaggtaggcc 240
ctattatcct cattgaatag aagagaaaag gaggtcctaaa aaaattaagt aaccacaaa 300
aagtcacaca gctgtgactg tcagtgtcct gctgggact gcaactagg ccacttttaa 360
agtaagatca ttttaaattg agtacncta cttacaaatg aaccatttaa tgtgatattg 420
acaaatatcc cnangccgga cttataaaag cttaggaaac caaataggat ccaatccggt 480
accccttac ctttttnaaa nggtcccctt gtc 513

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<210> 411
<211> 145
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> n=a,t,g or c

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<400> 411
gatcccatg ctaagaaaat gcccaaaaaa ataggcaaaa cagcagaaga gctagggttaa 60
gagaaggacg taaacagaac ctgacaccag ctccttttcc ttctatacat tatttaatac 120
ctattaaata aaatnathtt tgaaa 145

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<210> 412
<211> 204
<212> DNA
<213> Homo sapiens

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<400> 412
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 caccgcagd tcctaaatcg ggggtgggggt gttcggctct tgcgggctcc acgagatcga 180
 ttcttgacta ctttgcgtg aatt 204

<210> 413
 <211> 608
 <212> DNA
 <213> Homo sapiens

<400> 413
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 tatcctataa ctaaaaagtc aactaaacag ttgggttttag ctagagacaa acatcagtca 180
 ctgccaccaa attccattat ataaatttat tttgcttcac atttaaggag aaaccagca 240
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 cagcccacat taagatttca tttgtgaaat atgggtgagca tgatcatgcc ctaatgattt 480
 cttaggggtt ggcagtgtct ctggtcacat gcccatactt aggggtgaaa gaaatgctaa 540
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 tacggctc 608

<210> 414
 <211> 1086
 <212> DNA
 <213> Homo sapiens

<400> 414
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<210> 415

<211> 1885
 <212> DNA
 <213> Homo sapiens

<400> 415
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 aaacagttca gtgcattgtt gttgttgcgt tttttgggtg tttgcttttc agtgccaact 780
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 ctgagaacac tgaaatgtta tactcagtgt tgatttcttc ggtcactaca caacgtaaaa 900
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 tagtcacttt agatggaaaa ttacctcaca tctgttttct tcagtattac ttaagattgt 1740
 ttatttagtg gtagagagat ttttttttcc agcctagagg cagctatttt accatctggt 1800
 atttatggtc taatttgtat ttaacatat gcacacatat aaaagttgat actgtggcag 1860
 taaactatta aaagttttca ctggt 1885

<210> 416
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 416
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 cttcgccatc tcggtgtttc cttccagtc acagtgatga taaagagagt aaagagaact 180
 cacaaactgt tcccaactgc cttagaccaa agcgacacct gtcacttctg ttcacagccc 240
 atcaaccagt c 251

<210> 417
 <211> 245

09073367.060501

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 417
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acagcaagat ccacttacat agtttttaaaa catgcaaac aagattatat atcgtccata 120
tgtaattata tctgtggtta aatataaaga tatgcatttt ggggacatag tcaccagatt 180
attagtagct caaggaaag caggnggaag agtgctctgg gtggggggag gttcacaggg 240
tgctt 245

<210> 418
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 418
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gcttccaaa gtctaactag ggataccccc tctagcctag gaccctcctc cccacacctc 120
aatccaccaa accatccata atgcacccag ataggccac ccccaaaagc ctggacacct 180
tgagcacaca gttatgacca ggacagactc atctctatag gcaaatagct gctggcaaac 240
tggcattacc tggtttggtg ggatgggg 268

<210> 419
<211> 277
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 419
aatcgttata acagttttat tcaagtctct gtgtgctctg gcattgagac caggctgaga 60
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cctagttaac aatttacagt acctcgaaag aaaaaaaaaa aaagccaaag gaaagancct 180
ggtaagtttc cttcaggact ttttcattct taaatattgt tgacaacata caataactta 240
aatcccaaag caaagtggga attcaaggac acgggggt 277

<210> 420
<211> 399
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 420
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 aaatatatag gcccatgagg atagagctga gtaacttaaa aatgttagtc cttgggtcac 180
 aangactatt tgggnaatta ntaangangn gcctcttgac attaggactg canttaactg 240
 aggggtgggg ggggcatcca tataggtcac tccgggggtt atgggagggg ttcttctact 300
 attagggnct ttctgcttcg aggcgaggcc tcggtgcccg aattcttggg cctcgagggg 360
 cccaaattcc cnataggtga ggtcgtattt aaattccgg 399

<210> 421
 <211> 433
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 421
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 <213> Homo sapiens

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<223> n=a,t,g or c

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<211> 3004
<212> DNA
<213> Homo sapiens

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<211> 1065

<212> DNA

<213> Homo sapiens

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<211> 295
<212> DNA
<213> Homo sapiens

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gagagatacg caggtgcagg tggccgccgg atcccagccg cacttctggc gtgagtatcc     300
ggactgcagg ggccgggacg aggtcgggtg tcgaatcttc ccagctctgg ttggcccgca     360
acctgggtta agcaggtcct cgtagcgttt ccgcaactct ccggaatctg gagtcttccg     420
gtgtgcaact ctgaatggtc ccgggaaact tgcgcggctc gcatcggnta aagacagggt     480
gcccccat

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<210> 458
<211> 448
<212> DNA
<213> Homo sapiens

```

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<400> 458
tcgtttctat gaaattactc gtattttattt agtttttctc cttcaacaaa aatggaatca      60
actataaaaa ctcttgcatc ctactttttt tcacttacta aatcttagag agttttctgt     120
caaaacatat tgcctagct catttaaaaa aataacatat atcttatcag tttcctgtga     180
atagccattt agtctgtttc ccatttttat taaaacaatc agtgcccatg tttacttttt     240
tttttttgag agggattttt gctctgttg cccaggctgg agtgcagtgg cacgaatctc     300
agctcaccgc aacctccacc tcccaggttc aagtgattct cctgtctcag cctcctgagt     360
agctgggatt acaggcatgt accaccatac ccggctagtt ttggtatttt tagtagagat     420
ggggtttctc cattttggtc aggtcggg

```

```

<210> 459
<211> 466
<212> DNA
<213> Homo sapiens

```

```

<400> 459
atcaaagaaa catagagttc gggcaatata cttcatccta cccatcccac ccaaacttta      60
cttactcat ctcatctca ttaattttgg gaaatcatca gaagatgtgt tcgttgagta     120
agagattaaa agaaataagc tttttgacct ctgccaacac cccatgcca ggggtgtcac     180
cctccaatac aataacatgc caggaagagt aagttgccct ttctgatgcc gtaatctgcc     240
atcatcttcc catcttccag tctcctttcc attgcaagtc acaatctggg tctcagggat     300
tatacccgtc ttagtctcga tcattgcttt cacttggtgc actgagctgg accttcgcac     360
ctgggaggag gtgcctcttt gcctcatcac ctgactccac aagaacaag ggcagctcct     420
catcactggg gcttcaccac tttcaggggt aagggtgggat ggtctt

```

```

<210> 460
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<223> n=a,t,g or c

```

```

<400> 460
gtgaactcct ggccctcaagg gatcctctgg catgccttgn ctcccaaagg cntaggatca      60

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caggcaaaag	caccgtgtgt	ttatTTTTcc	cattcccttc	ctttatctgc	aatgcttttt	120
tctttaaggc	agcctaattt	acaagcttgg	ccttgaatta	aaagagaacc	cagaacccgc	180
tcttgaggtt	tacgttctca	aaccaacatc	agagcaactg	tctatcccca	tataaataaa	240
gttatctacc	cctgctccta	actgggtaca	agttatgact	acaactcagt	gattttttta	300
attagtgtgc	ctatttggtg	aaatctgtga	acttaatcaa			340

<210> 461
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400>	461	
aggattcaaa	cattctaggc	tttaattctt
ctcgttccag	gggaggagcc	catttgacat
cctgggctgc	tcctgaact	gctcgacata
ctgggtggat	gagcaggctt	aacacagagc
ttgtagaata	tattccagag	aagtatccaa
aggtggaact	caagatgatt	ccctgggata
tatattatcc	aggaagcttc	tttgtggagg
ttcaccatga	ctaccattgt	gaggttcagg
		cacgcacgct
		gtgctggtta
		60
		120
		180
		240
		300
		360
		420
		470

<210> 462
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400>	462	
cacagtggca	gattttcttt	aatagatata
taattcacgg	caggtaaaca	tgggtgctca
ccatcagtat	ttccctcaca	ttcccttttg
gagaaatctc	caccgtcacc	gcacaatcca
tcatctcgaa	ggtgcgctca	gccataaaaa
gtgctcttcc	caccgcaaa	
		60
		120
		180
		240
		300
		320

<210> 463
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400>	463	
aaaatcaaaa	cacacgcaaa	aatatattac
tataatttat	atataataaa	attcattatt
aaatgcattc	aatgccatca	ctactacaat
		caagatatag
		aacagctcca
		tcacttcaaa
		60
		120
		180

caattttctt	gtgtcttttt	tcatcaattc	ttcctccaac	tcacagcaca	gatctgtttg	240
ctgatcctgt	agttttttaa	atgccatag	gattatatac	agtatgtagc	attttaagtc	300
tgacttcctc	taattaagca	taatgcattt	gatgtaactc	caagttgttg	cangtattgg	360
ggtgctcatt	tctttttatt	actgagtagt	atttccactg	tatgaataca	ccatagtn	418

<210> 464
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 464	
agtctcactc	tggtgctcag gctggagtgc agtggtgtaa ggacggccca atgcagcttc 60
aacctcctga	gctcaagcaa tctctctgcc ttagcctcct gagcagctga gactacaggc 120
atgcgccact	gtgccccagg atttttttaa atttttgtag agatagagtc tcattctgtt 180
gcctaggctg	ggtctcaaac tcttagactc aagccatcct cacacctcag cctcccaaag 240
tgctgggatt	acaggtgtga gcctccacgt ctggcctgga aattttttaa aaacatattt 300
tcaggatcaa	gttagaaatt ataatnggaa ttgtaaaaat actaaaaatt ggggtgataa 360
tgacaacatc	acattaccaa aatttggtgg gggttcagtaa aagctctatt tcaatctaaa 420
tttatagtgt	aagt 434

<210> 465
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 465	
ttccagttaa	tttagtcctt tatttttttc attctccata gaatattggg tttgtaacaa 60
cgaatacaat	ccaatatata acattaaaaa aatccgatac ataccattct gctttatgaa 120
agatcagcaa	aaatacataa acaaggatat aactagtaca tttataaaat acatcataac 180
aatgaaacca	aaggatccca cacaataatc ttcacatttg acatgctggg tacagctgag 240
gagagccagt	gtctttggca agtgattcat atacataagc gatgacactg actaatccta 300
acacttctga	aatgttcatt ctttaccagt taaacctaaa ataaatcagc aagagtactg 360
aaatataaca	agaatgaaat ccaaaatttg tcgaaagggg caatgtttta tactagg 417

<210> 466
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 466	
gaatacaatg	atgtattttt ttattttcac atacactcta gctaaaagag caagagtaca 60
catcaacaaa	aatggaaaca aggctttggc tgaaaaaac atgcatttga caaatcatgt 120
taatagctag	acaagaagaa agttagcttt gttaaacttct acttcatttg attcagagaa 180
acagagcatg	agtttttctt aaagtaacaa gaaaaggaac aaaaaaatg aggtttgaaa 240
tctttttacca	tggcaaaaca ttaacatctt tctcaaaaac atagagaaat ctggaaaaat 300
caagaagata	aaattctgga ccagttagtt gacattcttt caagcatact tgtaaaatgt 360
ttccttaaag	tggt 374

<210> 467
 <211> 437
 <212> DNA
 <213> Homo sapiens

<400> 467
 gacacactat ttttcgtag tttattacaa aactacagat acaatacaca aaattctaatt 60
 tccgaaatcc ttctacattt tttttttctg agactaaatg ccctcaaagc ccgtctgctt 120
 ggctgtatt acaacctgac tcctcggtc ctggatgcac aggtcagatg ttccaacaac 180
 cctgaccatg gccagtgcta tggagtcact ccaaagggtg ttgagccctc tgtgaaaatt 240
 taaatggctg ctaagtcatt ctaaataaat acgtgaacgg attgtttctg cccctaagat 300
 gaaatccac agatcttatg ctcaagctca ggtcttcta ctgccgcctt cgacatctag 360
 aaagtatggt gggatcttca ctggatttgt taacctggtg agtgccctt gtgatccaga 420
 tgagtcaaaa caaacgg 437

<210> 468
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 468
 ttacttatcg gaggttttat tttttttatt tttttttgag actgagtctt gctctgtcat 60
 caggctggag tgcagtggct cactgcaacc tccgcctccc aggttcaagc aattctcctg 120
 cctcagcctc cctagtagct gggattacag gtgtccacca ccatgcccaa ttaatttttg 180
 tttttttggt acagacaggg ttccaccatg ttggccagga tgggtctgat ctcgttgacc 240
 ttgtgatccg cctgcctcgg cctcccaaag tgctgggatt acaggcgtgc aaccngcccc 300
 tggactactt atggagggtt taaaaaatct ttttaagtcca ggcctgacgt ttagagaagg 360
 ttacaaaggc ggccaggatc tgagtatttc caaaaagctc tggaggcagc attgagggtt 420
 ctttcagtt gaatcactga ctttaggtcg actggggtac tttgggtttt 470

<210> 469
 <211> 443
 <212> DNA
 <213> Homo sapiens

<400> 469
 ccccgctca aaaaatatta ataaaaaat atggctgctt tgtagagaat ggttgggagg 60
 gagaatgtgt ggggtgtagg aggtctagt gaggctttt atggggggtg tggggggggt 120
 ggccttttagc agggcagatg gaggaagtgc cttgtgccat aagacacagg aaggggatga 180
 gggaggatgt ttcccgcca tgatgtactg gggccagctc ctaccggctt gaaagagcca 240
 attctacaca tctcttccca acttggcatt tagcgtcttc atgttggtag cctgaaattg 300
 gctaattggtg ggaggctctg caccacggaa attggcaaac actacgaatc agggcttccc 360
 ccccatcaca cagccagttg ctaaagtctt acaagcacat cactggctgt ctgctttcca 420
 gcttgtggtg gtttccggtg gta 443

098736

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<210> 471
<211> 436
<212> DNA
<213> Homo sapiens
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<400>	471						
tttgcgtgttaa	tacacaaaag	ttttattttt	gactttcttc	ttttctgaag	gcaaaataaa		60
atagaactga	acatcagtga	attttgtaca	acaaaaacag	cttttaatat	ggaatagtcc		120
atgaacattt	taaaatctcg	gaatggcttc	cctttttcaa	agtcattgctt	tcttgcggtc		180
cacaaggagt	tggcacagag	gagatggtgg	cagcggcggg	tgagggtgagt	ggaggacagg		240
gcttctctca	gatccgtgtt	agctggtgcc	acagactgga	tgggagggatg	ctctccactt		300
ttctccatga	caaagtttaa	gggggcaaac	aaagtgtctga	ggaaagcntt	tgcgaaagacc		360
cccataagtt	ccgggaactg	atgtgtcagg	agggccagca	tgtctgttgaa	ggaacataat		420
ccagcagtaa	agagaa						436

```
<220>
<221> misc_feature
<223> n=a,t,g or c
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453

<210> 473
<211> 505
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 473
tttttttccc tgcacacaca ctttattttg tcctctctga gcccttctca cttccccctc 60
aggacggcca ccccttggca tcgggtgcag ancccatcc agccgcggtg aggggtggctg 120
tcatccggcg ggtcctcacc ctggtcctta ggcttgcgca agctgatggg tctcatagtc 180
ctctgggatg gtgtcattgc agcggttaaca gggttggccc agatgatggt ctcctgggag 240
aagcagaaga cccccaggcg gccaccccgcc atggttgtgt ccaagaccac gttgctgtcg 300
gccaccagct cagggccctc atagaatcgc accctgatgt agcccacttg ggnccgggtg 360
ctgcaggaac caacgatagg acttcttgtc cttccaaccc acgtttcgcg ggtccttcca 420
cagcagccga acctgggaat ctgtgtctcc tgtatgcaaa gaagcgtttc gaagctgttn 480
ccggggcctg tggaanaatt naaag 505

<210> 474
<211> 302
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 474
ccattaaggt gaaatcacct atgtttttatt ataaaaaaca tgtgacactt ataataaacc 60
cagtaaggag cacatacaat ttgccctggg ttcctatttt ctgagcgatc tgtgtttgct 120
tggggtggag gcaccgggag gntcggccac gtggcttcat aaagctcagc tgcggttctc 180
cgtggccaca gtgactctgc tccgggtacc cagtccccga ctccttggcc tcccaggggc 240
catcccgggg gtctcggaag gcacagctcg gttagctttg acttcttggg gtggctgaaa 300
ct 302

<210> 475
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 475
ttagtagaga cgaggtcttg ctatgtggcc ctggntggtc tcgaactcca gagcccaaatt 60
gateccacca ccttggcctc ccaaagtgtc gggattacag aaatgagcca ccacacctgg 120
cctgattgtt tttaaatggc agcaagaaca gggttggaca gcaagggcaa atcacacagt 180
atgtggcata ttcagaattg gttgtgagtt tccagtagaa agcactgaga atatccatag 240
ggcaaaatgg aatactaata atcctcattt gcctttgcct ttgtactggg aaaccagacc 300

ttactttaag cccaccaaag gcaaggtttg gggcctgcc aagcgggatt tcaaaaagac 360
aaagcaatgc aagccacgtg ttcaaaatgc ccttaagtgg gctttttcag ggtnttt 417

<210> 476
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 476
ttnacatgaa agagaaactt tattgaagtg gcaaagagtg aaagtgaggg actggcctgg 60
agtgggagtt gccacactgc cccaacagtg attccctttc aaagagctgt gcttcctaaa 120
cattctgggg ggttttgcca gagtcttccc cttgctcatc ctcatctcca ggacactgtc 180
attttagtgg tctgagtc aa gtcccgtata cattcaagaa cagggcatag gcgtgggaag 240
gtctgggaaa gttgggggtc ttttccctta catttggggg gactttgatt gggccccct 300
cttcatgatt cctctgttg cctcaagtt tcccccttg gggtaaaatt ggggggggaa 360
attttctnc catgt 375

<210> 477
<211> 272
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 477
ttnttttttt tctctcatct tgtcttctcg ctttatttca ttaagttgat cttcaatctc 60
tgatatacctt tcttccactt gattgataca gctattgata cttttgtttg cttcacgaag 120
ttctcgtgct gtgtttttca gctccatcgg gtcatttata ttcttctcta aactgggtat 180
tctagttagc aattcatcta accttttttc aaggttctta gcttccttgc attaggggta 240
gaacatgctc cctttagttt gggaggagtt tg 272

<210> 478
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 478
atgacnaga cttgctttta tctgcacact gcggggggtg ggggtgggcat gctcctcagc 60
agtgcattct gggacacggg cgggcggggg ctggcacagg aggacgagag cacctgcagg 120
gcagcgtgg ncgngcggnn gggcgggcgg gcgatgtgtc agctgcagtt cttgggcagg 180
cggtagacgc cgtccgcagt tagacgagct gctgggtccc caccttcttc tgcaggtagc 240

cctg

244

<210> 479
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 479
 aganaattnn ttttattcag cctgatatag atcatttatg aaaaactaac agcaaacatc 60
 atcctcaatg gtaaaaggct gaaggatttt tctctaaggtaggaacaag gcaaagcct 120
 gctcttgcca ctctattcag catagtgtg ggagttctag acagagcagt taggcaagga 180
 aaaggaaatc taagggcac caaattggga aaggaggga aggtaaaatt atctctgttt 240
 ggccaatgga tatggatttt atatggtatg gaataggaaa acccttaaag gattccnccc 300
 agggggcngg ggncgggggtg ggcctcacgg cctttttaat tccccagcac tttgggggga 360
 gggggcccagg gtgggggngg ggtttgcttt gaggggccag ggggggtttcc aggacttggc 420
 cggggggggg 429

<210> 480
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 480
 tttttttttt tttggaaaaa gaaatttttt ttttaattaga aaccaagttt acatacggtt 60
 aaatggttac taaaagctca gttgtaacca ctctaaccac cactagcaga acctcaaggg 120
 agccaagagc tcttcccttt tcccctgtta atttccagta taatgtagca gcacaattat 180
 ttcatgtcac atttaagaag aacaagaacc aatttatata aaggtacaat tgtatatcct 240
 taaacattcc acataaacac actgtcaaaa ctactggat atgc 284

<210> 481
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 481
 tttttttttt ttaaagttaa aacacctttt atttgaagaa atattgttcc tagnactttc 60
 ctgaagccag aattgttcta taaaagtatc atggaatatt atacatgatt aaaaaacaga 120
 gtatgttccc taataacttg aaatcttttt acaaagcaca ttattcatga tcataaatat 180
 gtttgttctg tcatccacc gatgatacac acatcaggca agcagctaatt ttgaacatat 240
 gtacagagtc tatgataaag atttaaagtt accaaaaaga ttcaggctat aacatattaa 300
 attttcttta aaagagttaa cntaaacac ttaaaggana acatagttaa tctaggcact 360
 tggagttatc t 371

<210> 482
 <211> 373
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 482
 tttttttttt ttaaggaata aggtgaattt ttattaagtg aaaaaaatca ataacaatat 60
 aggaatgatc acatctatac aaatacattg ctacatttct acatataaaa tgtataggaa 120
 aaagtctgaa agaatgcaca ccaaattatt ctgttttttag gaaaagcagt aggattggtc 180
 agggcatgga atgtcggcta agtgaagtga gatttaaaat ttttattcta catgattttc 240
 tagtgttggg aatttttgac agtgagcata catgcactta ttacttgcac aattctgaaa 300
 actattttta aaacaacaga naatatatga aagtctattg ggtgtatata gcattaatag 360
 tagtgaaagt tta 373

<210> 483
 <211> 316
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 483
 tgaaaggggt ttatttctgg tgcacacaat tgcttcattg tgaatataca tgtgattctc 60
 tgtacacagg aaatggaatt atgttcaaaa taatagacac agcaaacaag tttctttgaa 120
 gttactaaaa attaatgact acataaaaata aacattctaa aactaagtaa gtattattaa 180
 tttgaatagt tagtaggtgt aagggaaaag gcatcacact acaataaaca aacaaaaacc 240
 aacatggcat tcctcgcat agggtaaagg caccttcnaa atatttttct cttttatact 300
 ttttttttta attgtg 316

<210> 484
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 484
 aaggctgctg ttaaataact ttaatggttg atgtgggagt cacaagggag ttatgtttgc 60
 tccaaggggt cttcagtgcc atcctcaaag ctggttagtg cagggaggta gggcagagtt 120
 ggttcagtt ttcttcagg aagggtttag ggaggtccca gcgagcccca ggaatgagtc 180
 cctcgggtacc atggcaacca caatttaaga ggggcttctg ccaacccctg cagcctaccc 240
 caggggtccag cagaggaaca ggaggccaga ctggcaaact tgctatagac agcgccgtat 300
 ccagagccca actgcgcatg ggtcattttc tcttctgggg cagatcctat gccagcacct 360
 ttct 364

<210> 485
 <211> 328
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> n=a,t,g or c

<400> 485

tgagccaaaa	tatatatact	taatttttagt	tatgccagaa	gtaagtataa	tttctcagtc	60
caaggatggt	aggaagcaac	ttacagagca	tgcttcaa	agantttctt	tggcctttga	120
aggtaactat	tttcaaactt	aatagtagag	tcaagcaaga	ntggacaatt	agagtttnca	180
aanttgaaaa	ntattatgta	ttttatataa	tcattaccta	tggtttacag	attttatttt	240
tatgatacat	atctctaagg	taggtgggta	cactgaggac	ataggcaant	atgccataaa	300
atacttattt	aagctggaag	tgancataa				328

<210> 486

<211> 534

<212> DNA

<213> Homo sapiens

<400> 486

caggactcga	cgtcggacct	gatccccggc	ccacctctga	gcaagggtccc	tctgcagcag	60
aacttccagg	acaaccaatt	ccaggggaag	tggtatgtgg	taggcctggc	agggaaatgca	120
attctcagag	aagacaaaaga	cccgcaaaag	atgtatgcca	ccatctatga	gctgaaagaa	180
gacaagagct	acaatgtcac	ctccgtcctg	tttaggaaaa	agaagtgtga	ctactggatc	240
aggacttttg	ttccaggttg	ccagcccggc	gagttcacgc	tgggcaacat	taagagttac	300
cctggattaa	cgagttacct	cgtccgagtg	gtgagcacca	actacaacca	gcatgctatg	360
gtgttcttca	agaaaagtttc	tcaaaacagg	gagtacttca	agatcacgct	ctacgggaga	420
accaaggagc	tgacttcgga	actaaaggag	aacttcaccc	gcttctccaa	atctctgggc	480
ctccctgaaa	accacatcgt	cttccccgtc	cccatcgatc	aatgcatcga	cggc	534

<210> 487

<211> 3118

<212> DNA

<213> Homo sapiens

<400> 487

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ccccgccctc	cccgcatccc	tctcctccct	cgcgcctggc	cctgtggctc	ttcctccctc	120
cctccttccc	ccccccccca	cccctcgccc	gctgcctccc	tcggcccagc	cagctgtgcc	180
ggcgtttgtt	ggctgcccctg	cgcccggccc	tccagccagc	cttctgccgg	ccccgcgcg	240
atggaggtgc	cccagccgga	gcccgcgcca	ggctcggctc	tcagtcacagc	aggcgtgtgc	300
ggtggcgccc	agcgtccggg	ccacctcccg	ggcctcctgc	tgggatctca	tggcctcctg	360
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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n=a,t,g or c

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ctgcatcacc	atggtgtgag	gagcagcaac	gtgggtcaac	tnggggctgg	gacgagatgg	240

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<211> 215
<212> DNA
<213> Homo sapiens

<220>
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<223> n=a,t,g or c

<400> 489
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ttataaattg tgatgtagcc tcgctagtca agctgtgaat gtatattgtt tgcacttaan 120
ccttaactgt attaacgttc agcttactaa actgactgcc tcaagtccag gcaagttaca 180
atgccttggt gtgcctcaat aaaaaagtta catgc 215

<210> 490
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 490
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ggtgaggaag taacttctgc ttctcattga aactgtagat ccatcgggga cgaacgaatg 180
ccaggagggg gttgnacatc aggggtctct caaagntggg atcccattcc tgtgctgaga 240
tcacaaactg accccgggtc ctcatatagt cctcgagctc cccattgaag gntgtaaagt 300
atcggatgaa tttccgcgct tcggcccccga ggggaactcc ccccttaaag aaagaagtag 360
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<210> 491
<211> 369
<212> DNA
<213> Homo sapiens

<220>
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<223> n=a,t,g or c

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ccacacactt	tcaaccactg	caacaaacaa	gcacccaaga	gaggctgtnc	ggcagagccc	180
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actcgacgca	cacccggtgc	atcacactgg	cacctaaaga	caggccgtgc	agctaaaagg	300
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 <211> 504
 <212> DNA
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<220>
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 <223> n=a,t,g or c

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gagaacctca	tggtagacaa	cagagccatt	ggtgcagtgc	agggccacct	catnggggct	240
ccgtccgtnt	cggagagcag	caggagcact	ggtcctgcac	atcgttgatg	tcaatgggag	300
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<220>
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 <223> n=a,t,g or c

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cggggaggac	gctgccattc	gtggccagga	agggaaagggc	gattccggag	aggngtgggc	180
acggcgagcag	gaaaggcccg	ntggtnngnt	nggcagggag	gcgggggtacc	ngccccttaa	240
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<210> 494
 <211> 406
 <212> DNA
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<220>
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<223> n=a,t,g or c

<400> 494

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<211> 421

<212> DNA

<213> Homo sapiens

<220>

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<223> n=a,t,g or c

<400> 495

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ggtcantcag	tggggatntg	attagtgggg	tttnggggat	gggagtccca	gggttaaacc	360
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<210> 496

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> n=a,t,g or c

<400> 496

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agcgtttatt	atgtgtgttg	agaatgttca	atatactcct	tcttgctgct	tgaaactata	180
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 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n=a,t,g or c

<400> 497
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 tctnactaa 429

<210> 498
 <211> 952
 <212> DNA
 <213> Homo sapiens

<400> 498
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 gaatcaggct tcacctccaa ggacacctat ctaagccatt ttaaccctcg ggattaccta 180
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<210> 499
 <211> 2814
 <212> DNA
 <213> Homo sapiens

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<211> 1042

<212> DNA

<213> Homo sapiens

<400> 500

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 <211> 1670

<212> DNA
 <213> Homo sapiens

<400> 502

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 <211> 2066
 <212> DNA
 <213> Homo sapiens

<400> 503

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<210> 504
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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n=a,t,g or c

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<210> 505
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<220>
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 <223> n=a,t,g or c

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cagcgccctg cccctagtg agtgtactca caccctatt ccctggggaa gcagntagtt 420
gacctnnggc atttnccca canccctggn ggannggagn caggntcagn caggncctct 480
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gnccangggg ggncaantt 560

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<210> 506
<211> 490
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> n=a,t,g or c

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<400> 506
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<210> 507
<211> 560
<212> DNA
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<220>
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<211> 244
<212> DNA
<213> Homo sapiens

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aggatgctga ataaaagcat aggactgtc ctcttttagc ttaggaaaat aaataatgca 180
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gcgg 244

<210> 509
<211> 400
<212> DNA
<213> Homo sapiens

<400> 509
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<210> 510
<211> 276
<212> DNA
<213> Homo sapiens

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ctccagcagc ccagggtcag ctccagcctc actgga 276

<210> 511
<211> 327
<212> DNA
<213> Homo sapiens

<400> 511
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 <212> DNA
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<220>
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 <223> n=a,t,g or c

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<210> 513
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 <212> DNA
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<400> 513						
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<212> DNA

<213> Homo sapiens

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 <211> 434
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 <213> Homo sapiens

<220>
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 <223> n=a,t,g or c

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 <213> Homo sapiens

<220>
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<210> 526
<211> 264
<212> DNA
<213> Homo sapiens

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ccagaaccac aggaggccgc ttctcagcat gcccaacgaa catacatcat cccaattcc 180
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ctaggaaccc agtcaaagcc tcca 264

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<211> 484
<212> DNA
<213> Homo sapiens

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<223> n=a,t,g or c

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catt 484

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<211> 456
<212> DNA
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<220>
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<223> n=a,t,g or c

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cacacctgta atcccagcac tttggaatgc tggggcagga ggatcacttg aggtcaggag 180

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 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n=a,t,g or c

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 <212> DNA
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 <223> n=a,t,g or c

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 <211> 280
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <213> Homo sapiens

<400> 533						
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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n=a,t,g or c

<400> 534						
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 <212> DNA
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<220>
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 <211> 498
 <212> DNA
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<210> 537
 <211> 97
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n=a,t,g or c

<400> 537
 tttnttttt tttttttaac ttttgaattc cgtatTTTTT aatggtctat ggtctacaaa 60
 cactcatgtg caaacacata cagcagaat agggatc 97

<210> 538
 <211> 267

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 538
accgagtata ttctgtttat tgtttatgat ttacacagaa aatgatgggc tgggggttata 60
gaacaataaa ccaaccatta catttagacc tgggcttttg aaaaacttgc attccatttt 120
aacaattcgt atgtatctaa caaatacata aatccagatc acaaataatc ttaagagtta 180
aacaattaag aaacacaaag aataccacat agatctacct ttaaataatca gcattcatat 240
tataagagat aagaaaatgt tanaaaag 267

<210> 539
<211> 519
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 539
aaccacanaa gagtagcagt ccattttctg gaagngcgca tgatattatg ancaatacaa 60
atgcattatt tttatcatta atagtntaat cattaattat cncanaagtc aatgcagaga 120
gtgaaattan tntgaattaa acttcngttc anaatgtaca gtattttgca tatgtngact 180
ttacttaatn gtncattntt gtttccaaag ttaangttaa atacctgggtg cataggttgt 240
tgtcaagcaa ttactctcat tgtcttgta tacatgctaa cattttgcta aatataaatc 300
tacaagtatc acagctgcat atatttctga agtgggttaga acagaggagg atgctggaaa 360
gttgagttct ttaaaatctt cgttcaaaac aagagatatt catctatgtc ctcttcttta 420
attccaaagc agtggnccca ctcttcagg gtgatgtgct tacccttntt ggggtcacac 480
tcctntcaat aaacgggtta tgccagtgtt ccattgggcc 519

<210> 540
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 540
gaagctttta tcaactttta ttgatataat natnntnggt atgcantatg tcntgcaaca 60
aatgtggata caatgacatc anntatcaaa gaattttccc acctttccat ctttaaataga 120
cttcagctaa cttaccccaa gagaaaaatc tggcattgat ctcttggtta gcattattac 180
caatatcaac tagcactatt aaaatcaaag ttgaaatggg acattcattt gccaaaaaaa 240
aaaaaaagaa aaaaaaggct taaaggcaaa gaaggtgaat caacgtgcaa attagcatct 300

ggcccaattg caaaattcat ttcttgggat gtgagggatt gaaccatgca cacttggca 359

<210> 541
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 541
 tttttttttt tgtttaaaat catttattat tatcaggagt gccttttagg tggaccgctc 60
 tgtatgactc tcatgcttca aaactatttt ttattcaagt gacttacaat ggccctagga 120
 aacaagttct gttattatcc cccattttta aatgatgaaa atggacaaaag caaaagcaag 180
 caacttaacc aataccccat ggctcacaag cctttagaat agtcatatta tataaatatg 240
 gcaataacaa tgcnctgaaa atgtctccaa aacaaactct acattttaaa aaatgtataa 300
 caggaatcta aggaagggtt cttacttc 328

<210> 542
<211> 358
<212> DNA
<213> Homo sapiens

<400> 542
 tatctgcttt ttgtgcttag tttcaaactg ccagtatttt tccttttgct tttaaaatag 60
 ttacaatatt tttcatgata gccacagtat tgccacagtt tattataata aagggttttt 120
 atttgattta ggcgattcaa agcttttttc tatcactttt gtgttcagaa tataaccttt 180
 gtgtgcgtgt atgttgtgtg tgtgcatgtg tggcgatatat gtgtgttaca ggттаатgcc 240
 ttcttggaat tgtgttaatg ttctcttggt ttattatgcc atcagaatgg taaatgagaa 300
 cactacaact gtagtcagct cacaattttt aaataaagga taccacagtg caaaaaaa 358

<210> 543
<211> 425
<212> DNA
<213> Homo sapiens

<400> 543
 tttttttttt ttaaaagcaa gaataatctt tattccttgg aaacacattt gtaaaaatgc 60
 tatcaataag atgaaaagat tcagaacaca tttatttgta tgcagcacat aactgagca 120
 tcagaacgct tgctaaaatg gaatacacct gtaaacaaat gccttaggga gagtttatag 180
 gtagtcagct ccactgtgca aggtatgcag ctgatacctt cttgctgaat agatttttgc 240
 agtagccaaa aaagatcaga ttttagtaat aaaatatctc aaaggatgtc aaacattttt 300
 tagagggcct aacatgggca aaattacaat tacatataca aaaatggcac aagaatcaac 360
 tgatttcaca gaaatactaa taaaacattt caggggtctat tattaagaga aaaaaatggt 420
 tgact 425

<210> 544
<211> 430

050501 050501 050501

<212> DNA
<213> Homo sapiens

<400> 544
gaacaaacag catgcaactgt ggtatccttt atttaaaaat tgtgagctga ctacagttgt 60
agtgtttctca tttaccattc tgatggcata ataaaccaag agaacattaa cacaattcca 120
agaaggcatt aacctgtaac acacatatac gccacacatg cacacacaca acatacacgc 180
acacaaaggt tatattctga acacaaaagt gatagaaaaa agctttgaat gcgctaaatc 240
aaataaaaaac cctttattat aataaaactgt ggcaatactg tggctatcat gaaaaatatt 300
gtaactatatt taaaagcaaa aggaaaaata ctggcagttt gaaactagca gcaaaaagca 360
gataaaaata gaatggaaga taacataaga ctaatatcaa aattctaattg ttgatactgt 420
gtaggattgc 430

<210> 545
<211> 616
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 545
gatttccatg cactttaatg aggtccagca ctccaggagga ttagcgccca ccaccagctg 60
cctgggcagg ggagggcccg agcaggtngc aggcgtcagg cttaggacag ggaagggggc 120
tcaggatggg gaagggtcct caggacaggg gaaggggctc agaagagagc agggggctta 180
ggacaggaag gggcactcag gacggggcag ggaagggtgt gggggcagtc gccacctggg 240
taggaagcag tgggtgtttt gacaggaggg gctggctctc cagtgacca ggtggacacc 300
ccaggcctga ctacaggctt tttggggaca tagtgggtga tccagtcca gtagtaggtg 360
acacgggtgt agatgccagg ccggttgggc tgggcacagc tncgntcca gctgaccacg 420
cccgcctgta gccagggtgc attcaccttg cacaccagg gcccctcaga gttcgccctg 480
gcatgagtc ctccggtgtt cccggcacac agcatgtcgt tcacggatga tgccgacgtc 540
gtctccgctg taggcgcaa agtggatatt gcgtcacaaa tgtggtttcc attatgggga 600
ccttcaactgc ttcagg 616

<210> 546
<211> 428
<212> DNA
<213> Homo sapiens

<400> 546
tttttttttt tttttttttt cgaaaacatc ggattttatta ggattagctg tagtgtacac 60
tgattccttt agctctaaat ggatacatat gtgccccgca gacagtatac acgcagggat 120
gtgactgagc cacagtgaac tagcaaacc aacagctggc ttgtgaagcc atcgtgatcc 180
caacaaggct tatgttagca attggtgaaa gaagaagaga gtgagatggg acccagggtg 240
gcctggagggt gggatcctgt gggttttcag agcaccacc agtgctccct tgggtgagccc 300
agcaccacct ggaagtggag ggaagctggg tcgctgctgg aaggagaga ggctgactct 360
ctaccctca cctctgcaag gaactgaggc ctgtaggggt gcggctgtca ctggctaaca 420
ggctctgtt 428

<210> 547
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 547
 aaaattagaa agtgggtttat ttgcaattta catggattcc tctactttgt gaggttttagt 60
 ataattgaaa tgtattgcaa ttttcaggaa cattacctac aaattgatat taggtgggtct 120
 acagcttgta attgatgtgc ttcattgataa agatggcagt aatgatgttt taaatattct 180
 agtgctcact ggatttcatt tttgcaggca atttgcagct cctctgagta aaacatttat 240
 attcaattac agagtctgat aaataggatt cccgccaccc cacccttct aatcactgca 300
 gagtattaat aagtgtcttc ttatggctga tttcttgagc ggagcaaaga taagattata 360
 gccaaatttc tttcaaaacc tcagcagcat ctcttctggt gtagccattt agatattttc 420
 ttccacctct ttgact 436

<210> 548
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 548
 tatatgggaa catactgttt attcaataag aaattaattt tttatcggtg gatttgaata 60
 aattttcttc tcccaagcaa tctgattggc agtacacat tgcagcatat actttattat 120
 tatcatcatt attattttcc acaacattta ataccaagt tcttctctc acatagaata 180
 ttaccaata gaagtctcca aaaggggcca tagcacattc ataacaaaga tagaaaagaa 240
 aactttcaat gtctgtcttc caatatgatg attcaactaa aacaaagctg aatttctcag 300
 ctatgaaact gaaaaaatga aaatcagccc atgtgtacat cacggccagc catgatcatt 360
 aacacctcca tgganatgag gggagaaaag agagaaacaa ctgcttcctt cttacccaaa 420
 cttctaatat tagcttcaaa ttactttaaa aaaa 454

<210> 549
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 549
 tacttttagtg ttgatcagtt tattagtatt tttccaaacc tgaagaatgg tgaaagtttg 60
 tggtagagtg tggggaaaac agtaagtgtg gctttgggca agccacttcc cttctatggc 120
 tctcagtttt cccatctgca caatgagggg gttggagtgt gtggtctcta aggcactgaa 180
 tttcagtcctg ttctccatcc atcagtggat atgtgagatg caatgcaggg gtgctggcct 240
 gtccctggta atgagcgagg atatgagcaa agcagtgagt acagcctgga attccagcta 300
 ctgaggaggc tgaggtacga gaatcacttt gaacttggga ggctgaggtt tcagttagct 360
 gagatctggc cactgcactc cagcctgggc gacagagtga gactctgtct caaaaaaagg 420
 attctacgac tatgat 436

<210> 550

<211> 421
 <212> DNA
 <213> Homo sapiens

<400> 550
 ctcacatctt tttaatcatt catattgact taatcagggt gacaaaatct caggggttggt 60
 ctgggatcat tcacaaatca gaattactca gagaaatttt cacagcagtt gcagcagcac 120
 aaactctaac gctgatttaa attaataact gttattaatg aacaaacttg aaaaaggaat 180
 ttcatataga acattacatt tctccctgac actaccgat cataaaaaatt aaaaatgata 240
 taaacatggt ttaaagtcatt agtggttagaa ccagccacac tacagtgcgg cattgttaga 300
 agttcgctct caagttgact cagcttagta aagcaaattg ttctctgaga tttcagcttt 360
 ggtagtcct ctttggtgta catgaacatt atggagtgtt aactggtggt agcaacacat 420
 a 421

<210> 551
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 551
 tttacaagc caaagttgta tttttttaaa caggaaaatt atgtcaatat aaaacagata 60
 aaaagacaaa aatcaaaaca cacaacacag aaaagcacia cactcaagac cagtgcacac 120
 ccttcccaac ccacttcca ggttttaaaa ccttgattac agatcccaa ggattagact 180
 gtatcggaga ggtcacagta ttgaatcaga aaaagaagac atgttttaaa aggtctgtac 240
 acaggtagtgt gtgtgtgggg tgggggatgt acacttcac actccaacat caaaaaacat 300
 gatgcaaaaa ggatttcagc gatgaccaca gatttctaga accctaccac gtatgctagc 360
 cccctcccc atccactttt aaaagttgct tttaaaaagg ataaaaagt cacagacact 420
 ttcgtaa 427

<210> 552
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 552
 tttttttttt tttcaagtaa aaacttaaaa cgttttatttc tggtagaaat gataaatact 60
 ttgcattaaa aatctggaat tcaagttttc ctctgacttc atgtccctc cctgccccag 120
 aaccttacia aaatattttc gtctagagag ggaaagagct ggtgcctgct ctggaggcaa 180
 cgtccaggtc cgggaaaggc actcgtgggtc tgtgatctgt ctcagtgatg ggaggtctcc 240
 actcgcacca caggcagcct cggggccaga gatgagaata tgctgtaac cagtacaggg 300
 gctgcgtcgt ggggtcccaa cagtccttc tttggggata gtgagccct gttggggagt 360
 aggaagggac tgaggggccc tccctcgtg c 391

<210> 553
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 553
 gacaatactc aaagaatatt tattgttgac gcttttttcc ttatatttaa cattttgaga 60
 taaaggctaa atgagtgtat ttgtgtgcgt atacaagtac aatcaatgta gggg 114

<210> 554
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 554
 gttcctaaca caaatgtgaa tttattgggt gatttgatat ttaaaatagt actttttacaa 60
 aatcatctca gaaaatatac tacattttatt aaaattccta caaaccattg cagaaaatat 120
 taaaccctct aaccaaccta acactcgctt tcnnggncc ctgggtgatga ttttcacagc 180
 ttccatagtt gcaaagaaca aagaaatcat cttccaacag ggggtggaatt agataagaat 240
 aatccaaaan atattttatt ctttacagac tcacagattg cttggatggt taggggctct 300
 taccctagga taccctaatt attca 325

<210> 555
 <211> 579
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 555
 ctgtcaccca ggctagagtg cagtggcatg accttggctt actgcaacct ccgcctcctg 60
 gggtcaagcg attccagaag agagaattct tagagtcaga gggaggagta gaaggaaaaa 120
 gatatttaaa aagctatgct tcaagaggac atttcatgct gtcaaaatga gactgtgaat 180
 cagaaagtgc tcggggaact gcaagggtgct ctcaactagg ggtcggttcc ttctcagtca 240
 tggcactgac tcatctccac aggggttctca cctgcgggag gaaaatggag gagttgcgcc 300
 tgtcagaaac tgtctgtgtg attcggggaa gaatatggag tatcttagta gcattccatt 360
 attacttgcc cctaaatata tgatgccagc cccctgcaca gataacctcc tggcttttat 420
 agctgaaata tatttgatct aaaccacgat ttgacatctc agagagagag aagtagataa 480
 aagtctccat tccagggttg cagtagggat cctgcagaag tggctgaaat gaatttgggc 540
 caacagagaa taagttctac agtcatttgt tcngccaat 579

<210> 556
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 556
 attactatac cattttatttg atgaattaat caatgttcaa atggaagagg ttttgacaat 60
 gtcactatgt ttgatgttta tacctgccct gaatgcttgc tcagaagaga aacagatttc 120
 ccagtatttt ttataactta ctttcccatt gtcttcaatt aatttgctat tatcccaagt 180
 agacagacaa cttcagtagt agccatctcc ctacattttt agatcactga aaaaaatgga 240

tgagcaaccc	atgaaaataa	ctagcttact	gaaatgcttg	tctttttaaag	aaaagttggg	300
attattttaa	aaaaaaaaatg	gcccaggacc	agttagctag	gagatctggg	agagagaagt	360
cattgccttg	gttctgaca					379

<210> 557
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400>	557					
tttttttttt	tcttcccttg	nacnataaat	ttttattggc	aggtcaggan	aagagcnggg	60
ggtaagggtc	ccttccttnc	catccctcta	cncanaagac	accctccana	gganagnaga	120
agccccagag	cctgctgcct	cagaggacct	tggaggcaga	caaattgttg	tagtgatctt	180
cctgtccctc	gagcaggctg	cggttaggtg	gcaatctcct	gctccagccg	cgacttgatg	240
tccatgagcc	gctggtactc	ctgattctgc	cgctcactat	cagctcgcac	atcgcccagc	300
tgggttcaat	accgctgac	agcgccctgga	tatgcgccag	tgggctccaa	agcgcgctc	360
cgtttctgcc	agtgtgtctt	ccaaggcagc	tttcatgctc	agctgntgac	tgcagctcaa	420
tctcaag						427

<210> 558
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400>	558					
ggcagctcac	tccaggttta	tttcagggca	gtttgggggt	gggggacaaa	gacccccctc	60
cagctcctaa	actgggtcac	ttttctccca	gggtgaaggg	accatcctca	tgggatccta	120
tcgatgtgag	agctttgtgt	ccaccagggtg	tggctgggtg	caccaagggtg	aagggtttga	180
gggctgcaca	gggaccccca	gactggggag	tttggcctcc	tccctcagac	tggatggttt	240
cccagggttg	gaaaggggca	ggtctccctc	ctcagcttgg	gacttctcag	agggaggagc	300
tgagtgtctc	ctccctcaga	cccgcagccc	ctcaagggtg	tgcgatctgt	gccaccctct	360
ttgaccggtc	cctctgccct	cagactagcg	gaacaaaatt	acacctgaaa	gtggaggagc	420
gggt						424

<210> 559
 <211> 432
 <212> DNA
 <213> Homo sapiens

<400>	559					
acattgtaac	aggtttatgc	atthttgaagt	gccttctaca	catccaccca	gaggctctgc	60
tgatttctact	tatgcccagg	ctataaaaatg	cctttctctc	atccccaggt	agagcactgg	120
gatcaccact	aggcctaggg	ggcatatcaa	gggttttaata	gactggggga	atgggcaaca	180
gaactggcta	ccttagaggc	tctggaatgc	ccccaccca	tccaccacc	aatggaagga	240
aagtcaggca	tcgctaaaag	gagtgggtccc	tatctagccc	caagtctgga	gcagaaaggg	300
cagggtccatt	ctggcccaag	tgacattggt	aagatcctgt	cccccccc	aatcactgct	360

gcttgccagg gtgcctcttc acagttccca tgtggcagca gtagtggcag aggcagaagt 420
 ggacttattg ta 432

<210> 560
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 560
 gagagtctca ctttggaatc agaattggaa tcacattctg tttatcaagc cataatgtaa 60
 ggacagaata atacaatatt aagtcctaat ccaacctcct gtcagtggag cagttatggt 120
 ttatactcta cagattttac aaataatgag gctgttcctt gaaaatgtgt tgttgctgtg 180
 tcctggagga gacatgagtt ccgagatgac ccaatctgcc tttgaatctg gaggaatag 240
 gcagaaacaa aatgactgta gaacttattc tctgtaggcc aaatttcatt tcagccactt 300
 ctgcaggatc cctactgcc aacctggaatg gagactttta tctacttctc tctctctgaa 360
 gatgtcaaat cgtggttttag atcaaatata tttcaagcta tnagagcngg a 411

<210> 561
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 561
 ttaagacaaa cataaccttt attctctctc aaaaaccagc agaacagggc ctggaaccat 60
 attcgtaaat ttaaccagaa tcagaatact ttaactttca tagtctcatt taaaatttta 120
 tagcaatata ctgaccattc taaaaataac aaaatacatg ttgctctcaa ctacatagtt 180
 aaaaaaggta gtaaattctc ttaccacaaa tagaggaggg gtgggctagt gagctgctca 240
 aacatttgta acaaataaaa atgtatctat atacatataa tgatcatggt ttcatagcct 300
 aaaatcacca ttaacaaaat ctaataataa aattgtgtcg tggtcaggag ttgggaagcc 360
 aacacattaa attn 374

<210> 562
 <211> 479
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 562
 atcatcataa aaaatattta ttataaaaaa ttatcacatt tctctgtaca tagcataaag 60
 acaaaaacac aatgtataca ttaataaaatt aagtgggcct gagtattcag tatccatcta 120
 ctagaatcct aaagctcttc cccagatttc acaaaggcca atgtagatta tttctatttt 180
 atcaaagttc atttgcacag ttggtgtaat tgagatacta acatttcttt tttctagtgt 240
 tttaaagata gttcacagta tttagagttta ttaattaatc aactgattta aatctttggt 300
 aaatacaagt atttacetgt aaaaatgttt agctcaaatt tcagtaaaaa actggaaatg 360
 accaataacc tactgccaac tgttttggta taatccagaa atgcatgagc cggactccca 420
 ccattaagaa atggcactgt cnaggacctc ngatgataaa actggaatcc ncaaaaaat 479

<210> 563
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 563
 tttttttttg caaattttta cacaagattt tattaagac gggcaaattg gtgaggcata 60
 cctgaatttc tggagatata caaatgcgtg aggctggcat catatgcaaa tgtggcttta 120
 caaattgggt ttattttcta gctgtattta aagagg 156

<210> 564
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 564
 tttttttttt ttactttttt aagctttttt attcttgaaa agttcaaaga tatacaaaga 60
 tagactatgc aggataatga gccccacat actccgcac tcttgtct 108

<210> 565
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 565
 tggacatctc agatgtgact cttgctgccca ggctagaatt taggctatgt gataattctc 60
 agctgtccta caatgcctgc ttcttgaaag aagtcggcac tttctagaat agctaaataa 120
 cctgggctta ttttaaagaa ctattttag ctcagattgg ttttctatg gctaaaataa 180
 gtgcttcttg tgaaaattaa ataaaacagt taa 213

<210> 566
 <211> 559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> n=a,t,g or c

<400> 566
tacaatgtgc attttattcc atatcattat ncaatgttta catatagtta anactctcaa 60
ganaacgtcc tttaccagtt gtatgtggtg tctaaatctt taacatgaag gactgaaaag 120
ggtggaaatc cacactgatt gttatcctac agattgtcat gagctgcacg tgncaatca 180
ganaggaatg gaagtctcag aagagcagcg tggcttacag acccttggct ttagtgaatt 240
caggcatgcg ggatccatag tctcatcttg taggtaaaac tcaagacaaa nataantt 300
ntgttgaca gagttcntac attggtacaa tgnttnaaca aaaagaccca caggggganc 360
cttttngttc aaagtnggc ccaattccac acctgattgt ggtntccaac attnaacctt 420
cctgtttgnc tccancattg ggcccttttg aaagggaact tctcctgcnt tagntgaggg 480
attcccangn tnantaagcc cactggtngt ttgctaaann cncctacaan gtnttgccgg 540
catnaaccgg ggaaantgg 559

<210> 567
<211> 433
<212> DNA
<213> Homo sapiens

<400> 567
ttttaaaaac aaagccatga aaaagattcc actttatttt atttattatt gttattgtta 60
tttttacaaa caatagattt gctgcaacat gctctggctc atattattga attaaaaaat 120
ttaacacatt tcaaaaatat caaaaataga ctataatgag tcttaagact acaatacgac 180
aatgattgca caaaaccgta agatatgagc ccactgtctg gatgacatcc attggcaaca 240
gtgagagaaa accctatagc atctgggaga agtgcagtaa atttagaata caagggaact 300
atgtgtgact gactgatcac caaatgaggc aaacagagca ggattgactg tagctgcttt 360
ttctcaatct aggaagtgtc taccccaact atggggcaaa agtcactaac tgggaaagat 420
taacttgctt tca 433

<210> 568
<211> 394
<212> DNA
<213> Homo sapiens

<400> 568
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aaatgaacgg ctgatttttc tgccaaacta tgcattggctc aaagagaaat caccacctgg 120
ccacccatt ctgtccccc acaggacact aagggttctt acagataaag ggacgatgca 180
ttcatgcctg gagaactaat cacacctgat ttctctggga tctaaaataa tgtcaaattt 240
gattcacttt atgtaaagaa aatctttttt ttctgcaaac cccttcagaa caatgctgcc 300
atccatgcaa gatgtgtgta aggccacctc tgtatactaa gaatggtgcc ccagcaggtg 360
gaaggatggc acacctgctg agcgtgggca cacg 394

<210> 569
<211> 325
<212> DNA
<213> Homo sapiens

<400> 569
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gagcaaggac gtcctggcct ggccctccgat tcgctggaat tgcaaggacc ctccccagt 120
aagggggctc cctcaagggt gggaatagag tggaggcccg cacgggagtt cttgtctgtg 180
tgcaatccac tttgtgggcg tgtgggttta ggtctggctg ggccgtttct gaacttgacc 240

cctgagaact catagtacct taggggcggg gctctccagt ggggtggggcc tcccgcctctg 300
agagcaaggc ctcgggggtct ggagg 325

<210> 570
<211> 498
<212> DNA
<213> Homo sapiens

<400> 570
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atztatataa acaccatata agtcaaata gtatttaaca aagcaatatg tattcattca 120
ctttcaagat ttgttttggg gtcaaaataa catgaaaagg tagatggagt tgcttctgtt 180
gaattagctc tgccaccaat atgtatcttc atacacgttt ggaaatgttt cctgcagcat 240
taggtatgac ttgttctgag tactgtcttc ggtgctaaaa tgaacaaaga atttgtactt 300
aatggcatgg actctggaga atctatgcga atcaaccttt ctacctaat atctcccaa 360
aaatgtatag tgcttgttt ttatgtacag tttatataca gaaaagtttg ctctgcattt 420
ttgatgtaca gtttatatac agaaaagttt gctctgcatt tttgatgatg gtttgaaca 480
ttatctacaa ttttactc 498

<210> 571
<211> 456
<212> DNA
<213> Homo sapiens

<400> 571
aaatacttta gaagatcata cttttcaaag attttactaa atcatttttt taaacaaaat 60
atacatataa tctcagattt acagaatata gaaataattt atccaaagaa atttgcattt 120
aaaattgtta atattgcacc caacagtatg tctttgacac atttgcattg tcaatctttc 180
ccacaatttg caaaaacagg agagaaatct gaaactaaca gaattacaca agctaagttt 240
tctgtaaaaa aagaaaaaac ttacaatttt ttatttataa gttaaggaaa agttgtaaac 300
gttcaggatt ttacttcac agaataaaaa gccatacatt cttttatcat acctagaaaa 360
tgaacatata cacattgtga ttacctata ggaattcaac aggactgata ttgtgaacat 420
tcacagccca atggtaaaaa acagaattct cgaact 456

<210> 572
<211> 382
<212> DNA
<213> Homo sapiens

<400> 572
acaatttaaat aattttattac attacagtgg catcacacca gcagtcaata aggccactct 60
agggaaaaat ctttcagtat ttccatgaca cattctgttt acaataattc ataaactggg 120
aaaattcatt ctaagaaaaac ttggcaaatg aaactttgga ctggaattgg catttctttc 180
tctgcttttc gttcccacca tttctttctt ttatactaca gtattcatat tttaaaatgt 240
tttaaattat ttcagaacat taagatagca gttacatttt ttaatagtta tattatttta 300
aaatgactct ttaaaataaa gttttagaga aactatatta tggatagggc tgattttacat 360
tttcaaattt tctaaaatca gc 382

<210> 573
<211> 262

<212> DNA
<213> Homo sapiens

<400> 573
gcagttttaa atgatttaat tgacaaattc ttgtgattta catttcagta atcaactgca 60
aaagtgagga agtaattcat gggcctgtag tgcttttgaa aataatattt atgactcata 120
aaaatgtaca ttcataatag tatgacatgg acatatttta agaaagttca agcatatata 180
agcattgttt aatctcacia aatatattaa ttatgttggg aatatgtgca ttataaaagg 240
gtcttttagt taccaaaggg tt 262

<210> 574
<211> 398
<212> DNA
<213> Homo sapiens

<400> 574
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cacagttggt ttcagcattt cctagctaca gtagtgata ggaaattcca ttctaaacaa 120
agaagtaatt aatgaaataa caacacacct taacatttta cattgatagg ttacagttta 180
caaggtgctt tcacatacat tatttcattt gattcttaca acaagcagaa aaaacagtgg 240
gaaagatttt ttttttcagg cttacaatga gtattttcag gccaatgggc agttaacaca 300
agaatatacc aagaatgaga cagcaatacc cataagccac aatatcggtt ttggtagggt 360
gacagtttga ttcaactggg tattcagcat cggtgagt 398

<210> 575
<211> 376
<212> DNA
<213> Homo sapiens

<400> 575
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tagcaaaaac aaggcccagg ctggggcagg ggcagtagtg tgaaggccct ggattctcac 120
tcatgtgaga tcttgaatct ctttctttgt tctgtttgtt tagttagtat catctggtaa 180
aatagttaaa aaacaacaaa aaactctgta tctgtttcta gcatgtgctg cattgactct 240
attaatcaca tttcaaattc accctacatt cctctcctct tcaactagcct ctctgaagg 300
gtcctggcca gccctggaga agcactgggtg tctgcagcac ccctcagttc ctgtgcctca 360
gccacaggc cactgt 376

<210> 576
<211> 342
<212> DNA
<213> Homo sapiens

<400> 576
aaaattttaag aaatctacct ctttatttta caccaaagct aacatcaagt gtttatttta 60
aaaaataatg gcacctgctt tggattcatt gatgacacca caatggggtg aagatctaca 120
gggaattttac aatttttaggc tgacatgaaa ctaagtagta actcacaaaa tggaaattct 180
gcaacaagcc tcacaataaa catttccagt ttctactttc agagttgcta actactgcct 240
aaacatatct taaacacaga gcacgttttg ttgaaatatt tctcttagga caaacacagt 300
agacatgctt taaataaatt aaaattgcaa cacataaatc at 342

<210> 577
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 577
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 ctgttatagt gggatatttca taggcattct tgtattcaaa tgaatcacat aatgtttaca 120
 cttttaagct acacttgaaa ttgaagactt aatacaacct tttaacaaag aaagtatcag 180
 tcatatcaaa acataactat tcattctaca gattatcact ttccctaaaa tgactactag 240
 atatgaaaac attgcaggga cagctcaagt gccccattct taagggtttt ttttaatagg 300
 aa 302

<210> 578
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 578
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 atcctacgtg atataagtat atatacaaaag aaaaaaacia cattggaata ttacacagct 120
 tgaagggttg caaagggttat ttgtgtctta gttatttctg cacttaatga cacatcagac 180
 gcattgagta tatttcataa gttgttgact agcaaagata caatcattag taacccaagt 240
 cttcaaaatt cacaccaaac tttatgaagt cattcagaaa gagaaagtca atcctaaaat 300
 taaaattggc aactatgata aataccttca aaaggatgta gatgtaatgg agatgtttta 360
 aagtttagtt tcattaattg taaaattagc atgttatatt tactcaatat 410

<210> 579
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 579
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 agtgtcattg cgcacctctc ctcccaccta gtgcattaat agtggatggg agcatctgac 120
 agaagtgaga tcaggcagtg ggtgtctgca cccacagcg catgttggct ggaacagcaa 180
 agtctatctg ctgaggttta ggcaagttca gggtgccccat gattttgaca aactcctcac 240
 agctgagggg gagccgaggg ttccagagtc tctcctctc caccgtggac actgtgaacc 300
 catggtaatc gtgagcaggg tagatcagac agtctcctgg aagtgtgaag atcttttcat 360
 ggaccgagtg gtaaaag 376

<210> 580
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 580
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 aagcacactt aaaagtaatt tgcatttact tctgttaaag catttccatt tcacaattag 120
 caaaactaaa aggctatgtc tcttcatgca tttatttttg ttagaaaaat gtcccatggg 180

gctatcaaac cgattttaac catcatcaag cttaactttg cctctgttga caacatgact 240
 acaaacatga atcaaaaagg agttaaggaa tttta 275

<210> 581
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 581
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 tcataagttt tcttttttcc tccaaccatt taaaaatgta aacattagtc ttagcttgca 120
 ggcagcacia aagcgggtgg tagaccacaa gtggaccag ggtgtagttt gccaaaccct 180
 tttattagat caccaaagtt acttttctta aaataccttc tatttttcac agaaggata 240
 aatggtaaac aacatcttaa agcatcggta gtagtggata ccttggacat cactgtcact 300
 ctcttaccgg gtttaatttt gcatggctgg tgtgggcgta attgagtgtg catgtagagc 360
 atctttataa tattaccatc agcacatttg gtacttgcac ccttgtagtt ctaggaaaag 420
 tcctaaaaat ctata 435

<210> 582
 <211> 425
 <212> DNA
 <213> Homo sapiens

<400> 582
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 agtttaaaat gaaatgacaa atacattgac atgtcaagtg tcatttttta tgggtattatg 120
 cttattcaag gtgtgaagat acagaacctc tttataaatt tctggcatca aagattccca 180
 ccgtagataa aaacagggtg gttataaaat gtcaattcat taaatattca atttttgttc 240
 tttgttttta taaggaatat tttgtagaaa cagtataaaa tagagtagac ttttggaaat 300
 tgaattataa aatttttagaa aaaagtgtta agtcctaact tttctttgcg aaccaacaag 360
 agagtctagt tttaccttgg ggagttacct gtgaagtgca ttaggcggct agagctgttt 420
 cagag 425

<210> 583
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 583
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 aggagcgttt tgctcttttg ttttcttccg ttagagttag agattttttg ctgttgggtga 120
 aggcccttga agactgtagt ttaaattcaa ctggaaagtg gtcgctgaca tccagggcct 180
 ccttttcagt cagcttgtaa gctttctgga agtcaaaaac actgtttgac ttgggaacaa 240
 cagaactgac gattttcttgt cctctaagca caatcctgtc atatgcacag ttggtgctct 300
 tcttcaccgt ggtgtcctct tggteccgca tcagccaaac aaacctgggg tcagtctctca 360
 agcggatgtt cttccaggcc ttcttgggga cg 392

<210> 584
 <211> 353
 <212> DNA